The Mining Journal

RAILWAY AND COMMERCIAL GAZETTE:

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 283.--Vol. XI.]

LONDON: SATURDAY, JANUARY 23, 1841.

PRICE 6D.

VALUABLE MINE. ENGINES, AND MACHINERY, FOR SALE.

VALUABLE MINE. ENGINES, AND MACHINERY, FOR SALE.

TO BE SOLD BY AUCTION, on Friday, the 12th of February next, at Three o'clock in the afternoon, at the Marazion Hetel, in the town of Marazion, all that TIN and COPPER MINE called the GWALLON MINE, sita to the parish of St. Hiary, in Cornwall; on which an ENGINE of 36-inch cylinder has been erected, together with the following MATERIALS:—one 17-inch whim and stampl g engine, cage, tackle, &c., three capstans, shears, and two ropes, twelve and six inches; two 20 and one 2 -ft. stamping mills, the latte eight beids; four herse whims, tackle, ropes, and chain; eight plunger poles, from six to fourteen inches diameter, with cases, staffing-boxes, &c., to match, each fourteen inches; 1/2, 1/2, and s-inch H pleces, with top, doors, seats, &c.;

Twenty 9-feet 14-inch pumps
Eighteen 15 sixteen 15 sixteen 15 mach;
Four 6 sixteen 16 mach;
Four 10 mach;
Four 11 man, and the recent discoveries in the Marazion Mines, which adjoin this render it a most promising speculation. It is well known that there is a reas exactity of tin, and the recent exertions made by the Miners' Smelting Company, will insure a fair price in fauture for tin and other minerals.

To jungeet the mines, and for farther particulars, application may be made to Captain William Richards, Rospeath, Marazion, or to Messrs. Gryllis and Hill, solicitors, Heldon.—Date Ringsthorpe Lodge Estate, of 1/4 acres of superior interesting the management of the delton.—Date Ringsthorpe Lodge Estate, of 1/4 acres of superior interesting the management of the processing the delton. The Ringsthorpe Lodge Estate, of 1/4 acres of superior measures the superior in the management of the processing the delton. The Ringsthorpe Lodge Estate, of 1/4 acres of superior management of the processing the management of the

To juspect the mines, and for further particulars, application may be made to Captain William Richards, Rospeath, Marazion, or to Messrs. Grylls and Hill, solicitors, Helston.—Dated Heiston, Jan. 20.

Near to Northampton.—The Kingsthorpe Lodge Estate, of 114 acres of superior land, possessing the advantages of lime and building stone, sand, mineral water, and a certain prospect of coal, to an incalculable extent, producing a considerable reputal, which will speedily be quadrupited.

MR. GEORGE ROBINS has received positive instructions to submit for peremptory sale, at the Auction Mart, London, on Thursday, February 18, at Tweive, the important and singularly-valuable freehold property, known as the Kingsthorpe Lodge Estate, situate about one mile only from the town of Northampton; and within five miles of the railway station at Blisworth. The extraordinary advantages to be enumerated appertaining to this estate are such as to induce Mr. Robins to enlist the attention of the spe ulating capitalist to the following statement:—There is a capital brick-built farm residence, most delightfully situate, commanding extensive and picturesque views, all suitable buildings, with 104 acres of rich pasture and arable land, in a high state of cultivation, possessing considerable frontage to the high road from Northampton to Market Harborouch, and offering innumerable sites for the exection of villa residences, so much nessed by the opitient inhabitants of Northampton, and for the success of this speculation the mineral water lately discovered would appear in the shape of a "godsend" The lime, building, and paving-stone QUARRIES are of great extent, now in full work, with stone yards, shed, and stran-engine, working seven saws, exected by the opitient inhabitants of Northampton and for the success of this speculation the mannfacture of glass, and which it is also used for ornamental chimney pieces. The land and quarries are let to Nr. William Dunkley, a responsible tenant, as paving-stone QUARRIES are of great extent, now in

PRESIDED LAND, WOOD, AND MINES,
In the outside of minesteen in the county of warwick.

TO BE SOLD, BY PRIVATE CONTRACT, all that MEScontaining 147A. Ge. 39F., in the occupation of Mr. John Ring; also a tract of
WOOD LAND (called Haunch Wood), containing 47A. 2s. 3.F., together with the
MINES of COAL and (RONNTONE and other MINERALS, extending under the
greater part of the lan a and wood. The situation is within a short distance of the
Coventry Conal, and the Minese consist of via vable seams of Coal and I constone,
now so extensively worked in the county of Warwick. The whole lie within a
moderate depth, and may be drained at a modera e expense. The tenant will show
the property. Plans of the estate may be see: at the office of Mr. Radford, Atherstone, at Mr. Harris's, ward end, near Birmingham; at Mr. C. Concelman's, 31,
Waterion street, diffu; and terms may be known, on application to Mr. Wood
house, mineral agent, Overseal, near Ashiy, de la Zouch.

situated about three miles north of Newcastie-upon-Tyne, with all the axea and moveable stock thereon.

The coal, which is the High Main, or Wall's End seam, is of excellent quality for domestic purposes, and has been well known in the London and coast markets for the last twenty-six years as "Newmarch's Wall's End." A new winning was completed between one and two years ago, and a pumping-engine erected thereon, considerably more than competent to the inliest requirements of the colliery, and no outary will be needed in the winning of new pertinus of coal to this colliery for a long period of years. The great event of the Hazlering coal-field, comprising about able acres, affords the opportunity of establishing other valuable collieries. For farther particulars, application may be made to Mr. James Estation, the colliery viewer, to Mr. Thomas Forster, Haswell colliery, to John Wikinson, E-q., achietter, Hull, to Messrs. Bell. Endick, and Bell, sediot; rs, Bow Church-yard, London; or to Messrs. Carr and Jobling, solicitors, Newcastle-upon-Tyne.

Newcastle, November, 1-40.

OAL AND IRONSTONE ON THE COAST OF EAST LOTHIAN, SCOTLAND. OB LET, for Nineteen Years, with immediate entry, the COAL and IRONSTONE of the Barony of SETON, situated in the parish of ancet, ten miles east of Edinburgh, and five from Haddington. Two seams, of out thirty three inches each, have been partially worked, and found to lie in a ultra manner, besides these, there are other seams of greater thickness. The slity is first-rate. The situation commands an extensive country sale; and if coal is worked to such an extent beyond the land sale as to make it as object, propostetor would be ready to im, rove the harbour of Post seton upon the pro-

ROWN POINT BRIDGE AND ROADS.-TO IRON MANTERS, MASONS, AND JENERAL CONTRACTORS.—The commissioners acting under and by virtue of an Act of Parliament, passed in the third year of the reign of her present flaglesty, entitudes "An Act for making and main-taining a New Bridge over the fiver Aire at Leeds, at or near a place called Crown Point, with suitable Approaches thereto; and for making certain Drains or Water coursess under the Rosse lending to such Bridge, and through the adjoining Lands, to communicate with the River Aire below the Leeds Locks," will MEET at the Court Homes, in Leeds, on Wednesday, the 1th day of Petravary next, for RECEIVE TENDERS or PROPOSALS for the lumishing, creeting, and completing of a BRIDGE of one arch, over the RIVER AIRE & Leeds.—The arch will be of iron, 12s feet apan—the absulments will be of stone.

Please and seccifications may be seen, and further information may be had, from and after Priday, the JPth day of January instant, on application at the office of Messrs. George Leather and flon, civil engineers, in Leeds.

JOHN ATKINSON,
Leeds, Jan. Children and Commissioners.

Leeds, Jan. 4. Clerk to the same comments of the public every day (except Fundays) from Nine in the morning ontil REF n. - Admittance One Shifting. The entrance is on the Surrey side of the river, come to Rotherhithe Church. The Tunnet is cleven hondred and forty feet in length, brilliantly lighted with gas, and voisitors are now allowed to pass under the entire breakth of the river, and to approach the Shirit, which is advanced to within limits of the wharf at Wapping.

Company's Office, Waltereds buildings, Certs to the Company.

Company's Office, Walbrook-buildings,

Walbrook, Jatuary, 1841,

N.B.—Conversances to Section-bilde, by omnibus, from Piccality, Charing Cross, Sections, and Generaturch-street; and, by steam bush, from Chelora, Vanuball, ambeth, Hongerford, Queenhithe, the Old Shades Pier, and London Bridge, to the basic part at Wapping.

RON MINES IN GREECE.—A Gentleman, lately returned from Greece, is willing to afford information to any persons wishing to EMBARK in FOREIGN MINING SPECULATION, and not objecting to the kingdom of Greece. He conceives there are peculiar advantages in the situation of Greece, and that the present time is favourable to making preliminary enquiries on the spot. The supposed mines are iron (and probably copper) and judged to be very rich; are no r the sea, and in a mountainous district. A secure port is distant about twenty miles from the glace, and anchorage and landing may be easily effected at the distance of six miles, without an intervening hill, and smelting wood may be procured on the spot. An experienced and skillul person must, however, be sent to the spot. The post from London to Althens occupies seventeen day; the most convenient routes is by steam it we London to Malta, and thence by French, and German — Address, "A. B. C.," to the care of Missrs. By water and Co., Lower Grosvenor-street, London.

TO COLLIERY BAILIFFS AND OTHERS.—WANTED, competent person, from thirty to thirty-live years of age, to Take CHARGE of the UNDERGROUND DEPARTMENT of a COLLIERY; he must be thoroughly conversant with dialing and ventilation, on the most approved modes: none but persons of the strictest integrity and industry hered apply. Application to be made to Mr. Woodhouse, mineral agent, Overseal, their Ashby-de la-Zouch.

TO COAL PROPRIETORS, LAND SURVEYORS, AND OTHERS.—WANTED, by a Young Mag, who has been for the last seven years employed in a land and mine surveyor's office, a situation, either as a LAND or COAL AGENT, or would have no chiection to engage with a mining surveyor as clerk. Testimonials as to character and ability will be given, by applying (post-paid) to "X. Y.," Post-office, Liverpool.

OTICE.—R B. WATSON and CO., of LEEDS, beg to acquaint their friends and the public, that they have OPENED a HRANCH HOUSE in HULL, for the SALE and PURCHABE of SHARES of all descriptions, under the firm of R. B. WATSON and HELL.—R. B. W. has known Hull for thirty years, and Leeds for twenty five—having lived in the former place twenty years, and in the latter ten.

LUPHATE OF COPPER.—MARGARY'S PATENT.—This patent process for PRESERVING TIMBER, CANVASS, CORDAGE, &c., FROM DRY-ROT, DECAY, AND MILDEW, is most strongly recommended to RAILWAY CONTRACTORS, Ship-owners, Agriculturists, and Hop Planters, as the most effective, as well as the cheapest, process hitherto discovered for that purpose. Repeated trials with prepared and unperpared wood and canvass, in the fangus pit, at Woolwich, and other places most favourable to decay, have proved at incontestibly the efficacy of this process, and the fact of sulphate of copper, the material used, being only 3rd. a pound wholesules, not one eighteenth the price of corrosive sublimate, renders it so very economical that it is now adopted by the floard of Ordinance, and extensively used on the Southampton, Goap rt, and other railways. Licenses for tanks will be granted by the patentee at the rate of 2s, 6d, per cubic floot of the internal measure, on app leadion to his agent, Mr. Lee, sailcioth factor, 97, Leadenhall-street, of whom may be had prepared sail-cioth, prepared rick cioths, tarpoulins, seeks, Ac., W.

Pared rick cloths, tarpaulins, secks, Ac., Ac.

CONOMY IN FUEL, WITHOUT SMOKE, effected on Chemical Principles, by the PATENT IMPROVED PURNACE of CHARLES WYR WILLIAMS, Kay — BROCKLEHURST, DBCKS, and NKLSON, being suthorised by the patentee, beg to acquaint manufacterers and owners of steam-engines generally, that they are now prepared to construct furnaces, warranted to eco omise both heat and fuel, and to prevent amale, by effecting a perfectly chemical combustion of the fuel. This simple and effectual plan, which produces a great saving both to boilers and furnaces, and requires less attention from the firehan than usual, has received the unqualified approbation of the highest protessional authorities and experienced engineers. It is applicable to marine, locomotive, and land engines, and furnaces of every description, already erected, may be altered without difficulty at a moderate expense. Pro essor Brande, writing to the lovestor, says—"You convert what is commonly called smoke into fuel at the time when, and the piace where, this combustion can be most effectively brought about." In patent termace may be seen, and every information afforded on application to beeck churst, Direks, and Neison, millwrights, engineers, and ironfounders, 12, Oil-effect, or Etna Foundry, Vulcan-street.

HEIMANN'S NEWEST PATENT METALLIC WIRE ROPES having been employed for several graze in numerous mines on the continent, have, from their great STRENGTH, combined with DUCABILLY and FLEXIBILITY, and COMPARATIVE CHEAPNESS, been found to possess considerable treatment. FLEARBILITY, and COMPARATIVE CHEAPNESS, been found to possess considerable advantages over homes ropes, as well as chains for all mining purposes. They are also particularly atapt d'or STANDING RIGGING of ships, and for all purposes where great strength and durability are required, as, from the peculiar mode of their manufacture, they are completely protected against CORROBION. A manufactury of these ropes is now being established near London, by Mesars. HEIMANN and KUPER, by whom all orders will be promptly altended to.

Any further information may be obtained, by applying to Mr. Whilem Kuper, No. 25, Great Tower afrect, where also specimens of the ropes may be seen.

NEW METALLIC ROPE -- NEWALL'S PATENT. -- These ropes have been found, by experience, to pussess very great advantages over every other kind of rope or chain for nines and rallways. They are STRONGER LIGHTER, CHEAPER, and MONE DURABLE. Arrangements are being made for adequately supplying the demand. Parties requiring such ropes are requested to make application to the patentees. R. S. Newsill and Co.

Dundee, August 24.

A NDREW SMITH'S PATENT WIRE ROPE.-WILLIAM

map of the United King-om, Ac., Ac., price et Ha. 66.

"HE RAILWAYS OF GREAT BRITAIN AND IRELAND.

Gardeners' Gazette.
London: Simpkin, Marshall, and Co.; and through all booksellers in the United Kingdom.

BAINBRIDGE ON MINES AND MINERALS.

Just published, in dear svo. price its boards.
PRACTICAL TREATISE on the LAW of MINES and MINERALS, comprising a detailed account of the respective Rights, in., Detries, Lishtitties, and Remedies of Landowners, Avrentucers, Agreets, Norkmen; and of the Local Cost may of Debyshire, Cornwall, and Devos, or Appendix of Legal Forum, relating to Grants, Leases, Transfers, Fartner, and Criminal Proceedings.

WILLIAM BAINERIDGE, Esq., of the Inner Temple, Barrister at Law.
CONTENTS OF THE VOLUME.

J. L. On the resortal solution of Minerals.

CNAP. I. On the general nature of Mines, Quarties, and Minerals.

II. On the right of Property in Minerals.

III. On Reyal Mines.

IV. On the right to work Mines.

V. On the right to work Mines.

VI. On Lessen and Licenses.

VII. On Lessen and Licenses.

VII. On Lessen and Licenses.

VIII. On Partnerships in Mines.

IX. On the Royal Mines and Guarties.

XI. On the Royales resulting from Mining operations.

XI. On the Royales resulting from Mining and Minerals.

XI. On the Royales resulting to Mines and Minerals.

XII. Local Customs.

Capital Argon, and, in shares of Abl cach.

Deposit (in order to comply with the Standing Orders), Ab per share.

PROVISIONAL COMMITTEE.

Sir Francis Burdett, Bart., M.P.

The Right Hoo. Sir C. Grey, M.P.

Sir Wm. Colebrook, 11, York gate, Regent's-park

Sir Henry Haiford, Bart., M.P., G.C.H.,

F.R.S., P.S.A.

J. Hamphery, Esq., Alderman, M.P.

P. A. Mackinnon, Esq., M.P.

The Hon. Colonel F. H. W. Needham,

Jermyn-street

The Hon. Colonel F. H. W. Needham,

Jermyn-street

The Hon. H. R. Westerns, M.P.

The Hon. Colonel F. L. C. Westerns, M.P.

Major Adair, H.E.I. C. S.

With power to add to their number.

Bankers—Messrs. Jones, Loyd, and Co., Lothbury Messrs. Drummond and Co.,

Charing, cross.

Solicitors—Messrs. Winter, Williams, and Williams, 18, Bedford-row.

The sub-committee for the consideration of the applications for sharen hereby give notice, that they will receive no more applications from the country after Tucsday, the 28th day of January instant, being the first day of the meeting of Papilament, or from persons residing in or near the metropolis, after the Juth day of January instant.

In the meantines, applications may continue to be made to any of the following members of the sub-consmittee—William Chaplin, Seq., Lad-lane, and Euston-aquare; Thomas de Vear, Esq., Linle street, and Kensington, or Captain M Drougal, the Colonial Colonia

M PERIAL SLATE COMPANY,
To be incorporated by Royal Charter.
Capital #130,000, in 15,000 stares of #10 each-s#2 10s. paid.

G. R. Brittee, Esq.

E. Golding, Jun, Esq.

Hon. R. E. Howard

W. H. Tyreil, Esq.

AUDITORS.

AL Derryville, Mr. J. Hare.

Locat Actino Disactors—James Morgan, Esq.

Selbart Manageme.

At Correbeg, Mr. G. Creevy,

Locat Actino Disactors—James Morgan, Esq.

Solicitible.

Mesars. Barnes, Winter, and Hernard. No 2, Great Winchester street.

ANNESS.

The Commercial Bank of London, and the Provincial Bank of Ireland.

Orrices—SJ, Liccolo's Inn-delds, London; and at Derryville, Killaine, Ireland.

Orrices—SJ, Liccolo's Inn-delds, London; and at Derryville, Killaine, Ireland.

Orrices—SJ, Liccolo's Inn-delds, London; and at Derryville, Killaine, Ireland.

The object of the undertaking for which this mempany is formed, in the working immediately proceeded with; a very large sum of mosey has be a expended in railways and other permanent improvements (the fruit of which is yet to be reaped), notwithstamiling which, and a powerful op-cantion hereafer to be noticed, the quarries have paid two dividends of 25 per cent, upon the capital expended. All persons at all familiar with undertakings of this description are ware of the many years which have invariably elapsed before any of the mind of unitarity and the control of the control of the mind of the mind of the undertaking which and a powerful op-cantion hereafer to be noticed, the quarries have paid two dividends of 25 per cent, upon the capital employed, and to such it will be unsuccessary to point and the other of the many respects superior to the brad Medoh state, the demand for home consumption I constant and increasing. Samples have been acted to America and the Wed Localon of the mind the capital employed, and to such this, that the quarries are within a flow hundred yards of the Shannon, only fourteen miles from Linearity, and twich he nesen at a glance all the superior with the superior with the superior with the superior of the many many respects superior to the brad Wedoh state, they pressens over the great state sorts in Wales.

These of Mr. Frumant and Asabeto

cate to the quay, where every convenience for the chipping of the same is to be form?

John Cubitt, E.q., C.E., reports — "As to the capsisistics of the quarries, I consider the material to be of exections quality for making cooling states, a. d. the quarries may be said to be incellulated quality for making cooling states, a. d. the quarries may be said to be incellulated; and I leng more to assess the groups, that I have no heritation in caying, that to quarries even incident of greater advantages for flag working."

Up to the present time, the company have tend to contend against the formidable rivairy of the Mining Company is the case, which were continued as attendable rivairy of the Mining Company is framed, with were continued as activates quarry in the calcide of their works. This opposition is now at an end, this imperial fact Company being concluded in advantagemen agreement with the mining company for the purchase of all their quarries and interest both prior and infrared three processes of all their quarries and interest both prior and infrared three decadings of the purchase, and the consequent occasion; which is asies for extraording the operations of the company upon a very entarged scale, so as to so are the advantages which the presents of an increase of the capital, by an interest of active wing result in the processes of the capital, by an interest of the company by increased rooms, has in-duced the company to effect as increase of the capital, by an interest of the company of the progression of an opening months and the following resultation was accounting to conductured the capital to continue of the company of the progress of the capital, and the following resultation was accountingly of the progress of the capital meeting of the progression of the progress charges and the following resultation was accountingly of the progress of the open of 21 the inspiral months and the capital new of the progress charges and the following resultation was accountingly of the progress of the progress of t

LAW INTELLIGENCE

ALLEGED MINING NUISANCE IN WALES.

WILLIAMS C. THE EARL OF JERSEY—JAN. 18.

Williams c. The Earl Jersey J

iff to the defendant's property in Wales; and it also sought to have the injunction made perpetual. To this bill the defendant put in a general demurrer, which the Vice-Chancellor overruied.

The Lord Chancellor was of opinion that the order of the Vice-Chancellor was a proper one. The phointiffs, it appeared, were the lessees of mines situate on the property of the Duke of Beaufort. A portion of the land had been obtained from the defendant in exchange for other land, and the case made by the bill was that the defendant ought to have known that the unineral works in question were to be carried on, and that in point of fact he had for a long period acquiesced in their being so carried on, Now, if the court was to silow the demurrer, it would amount to a declaration of an opinion that there was no case for relief stated in the bill. There were, however, allegations in that bill which, if proved in evidence, would entitle the plaintiffs to sustain the equity they asserted, and under such circumstances the order of the court below must be affirmed, with costs.

LATE ACCIDENT ON THE LONDON AND BIRMINGHAM

RAILWAY.

SAIL COURT—JAN. 18.

Sir WILLIAM FOLLETT applied to his lordship for a writ of certiorari to remove into this court the curoner's lequisition taken on the bodies of Joseph Simpson and William Dawson, the former of whom was an engine-driver, and the inter employed to assist him, on the above railway, and who were both killed by a collision that took place on the line. (The circumstances of this case were fully detailed at the time). An inquest was beld on the bodies of the deceased persons before one of the corone a for the county of Middle-ex, when the jury returned a verifies for willful muder against Simpson, the engine driver, as regarded the death of Dawson, and of felo de se as regarded his own death. They also found that the engine was moving to the death of the deceased, and levied a decoland of 20001, upon the engine. The learned cofinsel and there were several objections to the lequisition on the face of it. The most important was that the jury, having found that a felony had in two cases been committed, e-uid not afterwards find that, as in case of accident, the engine was moving to the death of the deceased. It had been iaid down in Code's Institutes and other awhorities that no decodand could be fixed by a coroner's jury except where the death of the party was caused by accident. In cases of the death being caused by fet, by it was well known that the party by shom the felony was committed had thereby forfeited all his goods and chalteles, and no decodand could thereby be levied on the goods. Another objection was that there was no allegation in the inquisition of the time or place, when and where, the deaths of the deceased took place. There were averal other objections with which he did not thick it necessary to trouble the court at present.—Mr. Justice Williams—You make take a writ.

GENERAL MINING ASSOCIATION.

GENERAL MINING ASSOCIATION.

COURT OF CHARGERY—JAN. 20.

TAYLOR C. RUNDELL.—This case came before the court upon appeal from the decision of his Honour the Vice-Chancellor. The bill was fited by the late Sir Herbert Taylor and the other executors of his late Royal Highmens the Duke of York, calling upon the defendant to account for the working of the nines of Cape Berton and Nova Scotia, which were granted by George III. to the Duke of York, and who had leared them to the defendants, who had formed a company to work them. The defendants put in their answer to the bill, in which they stated their insbility to give a full account of the triansaction, as the other members of the company who had not been made parties refused to give up the books. To this answer exceptions were taken for insufficiency, and a reference was directed to the Master to accertain that fact. The Master reported the maswer sufficient, but to that report exceptions were taken, which were allowed by the Vice Chancellor, upon their being ergued before him, and from that decision the present appeal was brought.

Mr. Wakefield and Mr. Wood were counsel for the appellant.

The Lord Chancellon, without calling upon Mr. Wigram, who was counsel for the respondents, ordered the appeal to be dismissed, thereby uphabiling the decision of the Vice Chancellor.

IMPORTANT QUESTION AS TO APPLICATION OF HOT BLAST

IMPORTANT QUESTION AS TO APPLICATION OF HOT.BLAST.
COURT OF CHANCERY—JAN. 21.

Nulleon s. Thompson.—This is one of four appeals against orders of
the Vice Chancellor, pronounced by the Vice Chancellor before the Christmas holidays. The plaintiff is the inventor of a new method of working furmanes for smelting iron by the means of pipes which convey hot air to produce the draft. This invention is accured by patent, and a number of
licenses have been granted for its use, the price of the license being the payment of is, per ton for the iron made. The defendant in three out of the
four suits is Mr. Alderman Thompson and his partners, whe, with the plaintiff's permission, made some experiments in creer to test the merit of the
invention, and finding, as they always, the diff is did not succeed, invented an
apparatus of their own for the same purpose, and now claim to use it. The
plaintiff conceiving his painst to be intringed, obtained an injunction from
the Vice Chanceller.

e Vice Chancellor. Mr. Wignam, Mr. Richands, and Mr. Roures now moved to diss Mr. Wignam, Mr. Richands, and Mr. Router now coved to disolve that injunction. They contended that the plaintiff could not mointain his patient, either on the ground of principle or apparatus. In principle it was the same as that of Mr. Budh id, who had obtained a potent for the same invention many nounths before the plaintiff; and in apparatus it was essentially different from that used by the defendants, as his locability must elearly perceive from the models before him. If his herdship thought the plaintiff had any case, the defendants were quite willing to keep an account until the question was decided at law; but they hoped his locability would not, by continuing the injunction, compel the defendants, at great loss, to extinguish their formers.

ch furnaces. Mr. K. Haucz was proceeding to support the injunction, when His Lennustre, at haif-past three o'clock, postpoord the argument

Mr. K. BRUCE, Mr. JACOB, and Mr. CAMPBELL, appeared for the de Mr. K. Huuce, Mr. Jacon, and Mr. Campuell, appeared for the defendants, Alucrosan Thompson and the other properties of the Pennydaren Iron Works. Sir J. Guest, on well as the defendants, and other iron-maters, had paid in, a ten for a decame to use the piniotiff's patent, and no argument had been offered why it should be discontinued. They prayed the continuous to the injunction, on the ground that it would pro-me no inconvenience to the driendants, who might without any attention of machinery use cold sir, as they formerly did. On the other hand, if it were dissolved, it could not be expected than any masters of iron make would pay for licenses. The Lond Chances and, as the plaintiff only required his licensesmony, be thought the injunction should be dissolved, if the defendants undertook to keep an account, and deal with the license-money as the court should divect. The iron masters had erected expensive machinery with the numbelge of Mr. Neilson, and it would be hars to prevent their using it now. The injunction, these, must be dissolved, the defendant undertaking to keep accounts, and the plaintiff going on with the action to try the right.

Nations e. Hourmany.—This case being under the same circumstances, the same order was made.

National e, the mails, and the case there had been a direct contract National e, Futuanally,—In this case there had been a direct contract pay license money, and it stands till this day (Saturday), in order to ascertian if Mr. Wigram see uppose the injunction on reconsidering the affidavits.

MESSES. PICKFORD AND THE GRAND JUNCTION RAILWAY.

EX PARTE PICKPORD, IN AR THE DIRECTORS. -- Mr. CRESSWELL recting the defendants to allow Means. Pickford to carry goods on this line of railway on the same terms as other carriers. He contended that this was recting the defendants to allow Messrs. Pickford to carry goods on this line of railway on the same terms as other carriers. He contended that this was case in which a mandamus was not the proper remedy, as it called upon the defendants to carry into effect the 27th section of their Act of Parliament, and in such a case the Court had held it would not intererse.

Lord Danman called on the other side to support the mondamus. Six F. Potiock, Mr. Richards, and Mr. Cardwell supported the rule.

The affidiavite alleged that Chapita and Horse were allowed to carry goods on the railway on better terms than any other carriers, as they were not compelled to change the trucks at Birmingham, and were charged a less arise part too.

ce per ton.

Lord Danuar said, that it did not appear that a preper demand and renal had taken place, and therefore the rule must be discharged, but with

CONTINUENTAL METHODS OF AMARING COPPER CARS. -- A lecture

CONTINUARIAL MAYMORE OF ASSAULD COPPER CASE.—A hoteler on this interesting subject, with illustrations of the various tests employed for detecting some of the metals in solution, was delivered by Mr. J. H.

Thomse, ht the Trure Institution, on Thursday last. We shall endeavour to give an abstract of the lecture in our ment.

ANHYPROUS SILICATE OF LOOK.—M. Follenberg lately analyzed this mineral from the Assers, and found its composition, sides 31, protested of iron 63-5. The same mineral was discovered several years before by Dr. T. Thompson, and its composition found to be, sides 22-6, protested of iron 63-7.3. The latter appealment was obtained from the Mourue Mounding, Irvand.

INDEPENDENT AND WEST MIDDLESEX ASSURANCE COMPANY.

INDEPENDENT AND WEST MIDDLESEX ASSURANCE

COMPANY.

Sir Peren-Lauriz came to the justice-room, at the Mansion-house, on Wednesday, and stated that he had a communication to make, which he considered to be one of public importance, and he was glad to see in the chair on the occasion a magistrate to whom the public were already under great obligations for the exposure of the scheme, called the British and Australiasian Bank, 55, Moorgate-street.

Alderman Piriz lamented that he had not succeeded in obtaining for the poor people, who had given their money for the letters of credit at the British and Australiasian Bank, any part of the property they had risked. He regretted to lears that there were many other speculations by which persons with limited means had auffered considerably, and he should feel much gratification in contributing as much as lay in his power to the detection and expose e of the inquities of the impostors who thrived by them.

Sir P. Lauriz stated, that he had to call the attention of Alderman Pirie to a company, which, for the extent of the robberies committed by the few individuals who established it, exceeded any thing within his memory. He had received the foliowing note from the editor of a Scotch paper, and he had inquired into the particulars, and found them to be by so means exaggerated:—

"The editor of the Scotch Reformers' Gazette presents his respectful compliments to hir Peter Lourie, and begs to call the attention of hir Peter to an article in the paper, transmitted by this post, respecting the "Middlesex' are part of the same gang who had the unparalleled audicity to advertise, who have just absconded with about 20,000." Of their victims' money it The 'Middlesex' are part of the same gang who had the unparalleled audicity to advertise the name of his Grace the Davis of Wellington as patron of a Loan Company and General Deposit Bank, formerly exposed at the Mansion-house. The Duke wrote to be editor of the Gazette, authorising him to expose the gang, which was do e effectually in

bence the awindiers successed in pillaging the public to the above enormous extent."

The article alluded to, which contained an account of the flight of the directors of the company from their premises, 27, Baker-street, Portman-square, which were left without an atom of furniture or property of any kind, stated that the course of proceeding was most injustions. When the Scutch paper attacked the gang, they brought actions against the proprietors for damanges to an enormous amount—took care to let the public know that they were appealing to the law for redress, and became more and more confident in the time of their addresses by advertisement, so that they made the very fact of the accusation against them instrumental to the attainment of their great object of plundering all ranks of the people. It was not supposed to be possible that an association, established in so respectable a part of the mitropolis, constantly appearing before the public in expensive advertisements, and taking its own part in the most await manner in the courts of law when any one dated to aspects its motives, could have been set on foot by the mere exertions of a couple of gentlemen's servants, and a couple of bankrupts in desperate circumstances, and carried on in the open day for the

by the mere exertions of a couple of gentlemen's servants, and a couple of bankrupts in desperate circumstances, and carried on in the open day for the micre purposes of plunder. The fact, Sir Peter said, now stared the unfortunate annuitants in the face. One of them had put into his hands the following memorandum, which Mr. Knowles, a partner in the company, had given to her, upon receiving from her the sum of 495£, on which she had been paid at the rate agreed upon, until the bubble burst:—

"Mr. We lis has this day deposited in my hands a check for the sum of 405£, being the balance of purchase money for an annuity of 50£ during the life of Rody B riber, for which a deed will be delivered, duly enrolled in the court of Chancery, by which this memorandom will be canceled.

The distress occasioned by the fight of the company was, Sir Peter stated, indescribable. It appeared that the proprietors of the paper he had quoted had sent an agent from Giasgow to London, to institute the closest inquiry, and it had been ascertained by that agent, that all the directors ind absconded, taking away with them, upwards of 98,000£, of annuities, cash paid down to them in sourly sums by victims who, altured by their advertisements, hair confided in them, exclusive altogether of the enermous amounts paid to them for their policies for fire and life assurance—the whole amounting to no less than 150,000£.

for their policies for fice and life assurance—the whole amounting to no less than 150,000l.

Alderman Pirix said, that he had been informed of the very extensive ruin which had resulted from the confidence placed by the annuitants in the company. The directors, it appeared, had resided in splendid houses, and kept magnificrat establishments.

Sir P. Lauriz said, he deeply regerted that he could not have the opportunity of determining on the disposal of those who were engaged in substitution of the public on the subject of depositing their money in the hands of countries or individuals without the most indisputable evidence of their respectability. There were, he knew, several "flash establishments" in the metropolis at that moment obtaining large sums of money fraudulently. The ingensity exhibited in the management of the concern, relative to which be appeared at the Mansion-house that day, was very remarkable, but crimes of ingensity were on the increase. The Independent and West Middlesex Assurance Company pretended to have been established in 1696, with a capital of 1,000,000l., and here it ended with all its professed advantages, after having resulty existed no more them four years, during which period it was seen having results existed no more them four years, during which period it was been sensible to the public, and it was his instention to lay it before the Levil Mayor, in order that, through the press, the circumstance might obtain publicity.—Sir P. Lauriz said, that is all probability some of the public, and it was his instention to lay it before the Levil Casses of plunder would be mentioned before him as the Mansion-house. He understood that the chief actors in the business had betaken themselves to the continent.

The company was originally projected by four individuals of very doubtful

understood that the chief actors in the business had betaken themselves to the convinent.

[The company was originally projected by four individuals of very doubtful character; when advertus ments and prospectures were issued, by which the "company" professed to be constituted under various Acts of Paliament, and an imposing array of names announced as directors, many of which were hosen as being identical with those of well-known and highly respectable gentlemen to London. Suspicion was at an early period excited, by the low rates at which the company transacted business; and it soon became known that the individuals who were put forth as directors, were not the well-known gentlemen of the same names. At the outset, Mesars. Coutts and Co. were announced as the bankers of the concern, but they soon ordered their names to be withdrawn from the advertisements. The company then put forward the Bank of England, who, after making inquity regarding the parties, ordered the account to be shut. The Western Bank of Scotland, who had been announced as the Scotlish bankers, were obliged to threaten proceedings before they could get their names withdrawn. Not withstanning these adverse one surrocce, and in the face of an exposure made in Glasgow, the company still went on; and their gains, from what has transpired, must have been considerable. It appears, by a search made at the Earolment-office, Chancesy-lone, where all annuity bonds are registered, that, down to the month of November, 1840, the sum of 98,0000, had been paid into the concern for the purchase of annuities. The unosey received in the shape of premiums for fire and life assurances must also have been large; and, although no correct approximation can be made, it does not seem improbable to estimate their total gains at somewhere shout 200,0000.]

SPONTANEOUS GAS LIGHTING. - The project of applying gas in SPONYANEOUS GAS LIGHTING.—The project of applying gas in its natural state, as generated in the coal mines, to the purpose of giving light, has, within the last few days, been brought into partial operation. The gas has been brought from the Wall's End pit in pipes, to the Newcastle and North Shields Railway. Some lamps are lighted with it nightly at the sides of the railway near Carville, and in the station-house there. The light may possibly answer the purpose to which it is applied—that of illuminating the railway even for its entire length, as well as all the stations; but it is by no means to be compared in brilliancy with the gas supplied in Newcastle and the surrounding lowns. The experiment, it is but fair to admit, is only yet in its infancy; but before the gas drawn from coal mines. fore the gas drawn from o can, in our opinion, be applied in the manner contemplated by the projector
namely, to the public and private lights of the towns of Newcastle.
Shields, and Sunderland, two important points must be compassed. First,
the enormous quantity of gas mightly required must be permanently secured, which we believe to be impracticable; and, secondly, it must be

cured, which we believe to be impracticable; and, secondly, it must be purified, as it is at present, by the gas companies, which of course is quite possible, but would be nugatory of the great essential of certain and almost unlimited quantity cannot be obtained.—These Mercury.

Minumain in Asimira.,—(Estract from a Letter).—"There are in the twenty-six States about 80.000 square miles of coal and iron of the richest observed, and waiting only for an increase of capital, skill, and experience to work them up to an extent equal to our consumption. As to coal, we produce nicestemistemistable of all we consume, and of iron, perhaps three-fourths; but its descreas prevents the free nice made of it in England. In Pennsylvania alone, it is computed there are 10,000 miles of coal and iron, being about five times the extent of the coal and on Kogland. miles of coal miles of coal and from, being about five times the extent of the coal and from of the United Kingdom. We are now opening copper mines, and they begin to be profitable.

SOUTH AND SOUTH WESTERN RAILWAY .- A public me the inhabitants of the barony of Elingarty was beld in th of Touries, on the fith instant, for the purpose of considering the expediency of having petitions presented to both Honors of Parliament, in favour of the line of railway laid down in the report of the communications. the said line commencing in Dublin and proceeding through Thuries, Holycron, and Cashel to Cork. The meeting was respectably and numerously attended.—Nemoch Guardion. MINING CORRESPONDENCE.

ENGLISH MINES.

WEST WHEAL JEWEL MINING COMPANY.

WEST WHEAL JEWEL MINING COMPANY.

Jun. 18.—Ground more favourable in Buckingham's engine-shaft, and also in fifty-seven south cross-cut, than last reported. Forty-two Fathom Level East, on South Lode—Lode improved, containing good stones of ore. Forty-two Fathom Cross-cut South, on Little Cross-cutree—Ground still favourable. Thirty Fathom Level West, on South Lode—Lode worth 81. per fathom. The rise in back of twenty, on same lode, is suspended for want of air; the men are about to resume driving the twenty fathom level on the same lode. The deep adit west, on the same lode, is worth 71. per fathom—ground somewhat harder. The lode in the back of this level is worth 71. per fathom. Twelve Fathom Level West, on Wheal Jewel Lode—Lode worth 81. per fathom—ground more favourable. Deep Adit Level West, on same Lode—Lode worth 101. per fathom.

S. LEAN. R. JOHNS.

St. per fathom—ground more favourable. Deep Adit Level West, on same Lode—Lode worth 10t. per fathom.

S. Lean. R. Johns.

WHEAL LEEDS MINING COMPANY.

Jan. 10.—On looking at our various levels, I never knew them looking better, generally, with every fair prospect of an increasing quantity of ore, and our next sampling will be about 100 tons—average 6t., or upwards—which I expect will meet the expenditure of November and December, 1840, to within 100t.; and when the winze from the seventy to the eighty fathom level is communicated, and the lode cut good in the fifty cross cut (which we have reason to expect will be the case), I hope you will be able to raise aufficient ore to pay expenses, at least, and, by the extension of the said levels, the quantity of ore will, no doubt, increase. I hope also to reduce the cost a little ere long, and you may rest assured on my paying particular attention to this mine. I can assure you that the segents are very attentive, and are doing all in their power. I need not enter into a detail of the levels, as you have the particulars in my son's report, which I have seen. Allow me to state, that the mine still deserves your attention, and I hope will, ere long, prove profitable.

Jan. 16.—We sampled in all ninety-six tons of ore. We expected to sample 100 tons rough, and about ten tons stamped ore, but from the severity of the weather we could not dress all we had at surface. Eighty Fathom Level West—Lode still disordered. Rise in back of ditto east—Lode none frot wide, with a good branch of ore, six inches wide on south side. We have cut the branch of spar we bored through in the cross cut at eighty fathom level—it is not worth noticing; these men I shall put on Monday to bore on seventy fathom level, to communicate with rise in eighty fathom level eighteen inches wide, producing one ton of ore per fathoms. Sixty Fathom Level East—Lode cighteen inches wide, producing one ton of ore per fathoms. Sixty Fathom Level East—Lode ton forces with conservation whether we have all the ode

bore three feet more on Monday, to ascertain whether C. H. Richards.

Holmbush mining company.

Jan. 18.—Hitchens's shaft is such to a depth of forty-two fathoms one foot six inches—ground favourable. In the 100 fathom level, west of engine-shaft, the lode is sixteen inches wide, worth 25l. per fathom. Winze below this Level—Lode ten inches wide, producing a small quantity of ore. Ninety Fathom Level West—Lode ten inches wide, worth 8l. per fathom. Winze below this Level—Lode ten inches wide, worth 5l. per fathom. Eighty Fathom Level West—No alteration worthy of remark. Ditto East—Lode ten inches wide, at present poor. Winze below this Level—Lode fourteen inches wide, worth 10l. per fathom. Western Stopes, in back of Eighty Fathom Level—Lode still a rich course of ore, two feet three inches wide, worth 35l. per fathom. Eastern Stopes, in back of ditto—Lode one foot four inches wide, worth 25l. per fathom. Sevensy Fathom Level Stopes—Lode two feet wide, worth 25l. per fathom. The tribute pitches are without important alterations—still, upon the whole, looking well.

Francis Phillips.

TRETOIL MINING COMPANY.

Jan. 18.—Lode in engine-shaft about fifteen inches wide, producing some go-d ore, much improved in the past week; ground in shaft not so hard as usual. Lode in thirty fathom level, west of Johns's shaft, eighteen inches wide, unproductive. Lode in thirty fathom level, east of engine-shaft, small and unproductive. Lode in twenty fathom level, east of William's shaft, nine inches wide, very good tribute ground. Lode in teves, in back of this level, fifteen inches wide, very good tribute ground. Lode in ten fathom level, east of Williams's shaft, four inches wide, very good tribute ground. Lode in ten fathom level, east of Williams's shaft, six inches wide, unproductive.

H. WILLIAMS. J. MORCOM.

H. WILLIAMS.

TRELEIGH CONSOLS MINING COMPANY.

Jan. 16.—I have nothing new to communicate respecting Christoe department, but the appearances of Shanger south lode, west of Good Fortune, at the twenty and thirty-four fathom levels, are cheering; the twenty is worth about \$8l, per fathom, and the thirty-four about 10l.; we have holed the winger from add to the twenty fathom level, and set a pitch to six men,

the wings from adit to the twenty lathom level, and see a. W. Sincock.

Great wheal charlotte mining company.

Jan. 16.—I beg to hand you a brief report of our different levels. The lode is the engine-shaft still continues large, but upproductive. The lode is the seventy-two fathom level west is from five to six feet wide, producing four tons of ore per fathom. The lode is the seventy two fathom level east is from six to seven feet wide, and the south wall has not yet been seen—it is still unproductive. The lode in the western winze, sinking under the sixty-two fathom level, is about the feet wide, yielding about five tons of ore per fathom, works about 41. per ton. The lode in the eastern winze is six feet wide, with a good brauch of ore to the south, five inches big; the remainder of the lode is poor. The stopes in the bottom of the sixty-two fathom level will at present turn out from four to five tons of ore per fathom, worth 41. per ton. The stopes in the best of the same level are much the same as when last reported, yielding about two tons per fathom. In the dressing department we are still much bindexed by the severity of the weather; our floors, at present, are completely filled up with work under sed, and, as the weather has been for the last two or three days, it is quite impossible for the girls to stand on the floor to work. We have upwards of 600 kitbles underground brukes ready to draw.

S. Trevetham.

S. TREVETHAN.

ARDMOOR CONDUCTED MINING COMPANY.

Jan. 18.—The north engine shall is sunk 8 fm. 3 ft. below the forty fathoms level, and should the ground continue favourable we expect to be sufficiently deep for a fifty fathom level in the early part of the ensuing month. In the forty fathom level cross-cut, nothing new has been discovered in the past week; the ground at present is rather hard. In the thirty fathom level cast, we find the ground is presenting an appearance somewhat more favourable than for some time past; not any of the folde has been broken since my last. In the end, driving north on the silver-lead lode at this level, the prospects are much the same, lode about six inches big (leady), but, in consequence of had air, we have suspended this rend for the moment, and applied those men to rise on the course of the lode, for the purpose of opening a communication with the wings partly sunk below the twenty fathom level, which, when performed, will ventilate the principal part of the mine, and is, therefore, of imwith the winge partiy sunk below the twenty fathom level, which, when performed, will ventilate the principal part of the mine, and is, therefore, of inportance. In driving south, on the silver-lead lode, at the twenty fathom level, the lode is from four to six inches in width, saving work. The pitches working on the Great South Copper Lode, at the twenty fathom level, are booking favourable, and yielding some good work for copper ores. Hard Down adit shaft is sunk 22 in. 4 ft. below the surface, but owing to the abundance of the water we are obliged to abandon the shaft, and return to the rise; we calculate rising seven fathoms more will communicate with the said shaft. We have now two parcels of copper ores ready for sale, computed 26 tous 7 cwt.; No. 1, 12 tons 1 cwt. 3 qrs.; No. 2, 14 tons 5 cwt. 1 qr... SAMUEL HARPUR. SAMUEL HARPUR.

UNITED MILLS MINING COMPANY

UNITED ALLES MINING COMPANY.

Jon. 19.—Adit End East—Lode three feet wide, coarse in quality. Adit End West—Lode two feet wide, with stones of ore. Ten Fathom Level, Eastern End—Lode 2t. 6in. w de, chirdly composed of mundie. Thirty Fathom Level—Lode two feet wide—1ft. 6in. good ore. Thirty-six Fathom Level—Lode three feet wide—two feet good ore. Stopes, east and west of Webber's Winzo—Lode three feet wide of the good ore. Stopes, east and west of Webber's Winzo—Lode three to four feet wide, producing ore of a fair quality. Eastern Shalt—Lode three to four feet wide, producing ore of the feet wide, ore throughout. East of Williams's Shalt—Lode two feet wide, ore throughout. East of Williams's Shalt—Lode two feet wide, ore throughout. East of Williams's Shalt—Lode two feet wide, ore throughout. East of Williams's Shalt—Lode two feet wide, ore throughout. East of Williams's Shalt—Lode two feet wide, ore throughout. East of Williams's Shalt—Lode two feet wide, ore throughout.

FOREIGN MINES.

CANDONSA MINING COMPANY.

Candraga, Sopt. 12.—Mina Mestre Shaft, Deep Addi.—In the cross-cut, riving at the bottom of Jenoite's winze, the ground is very hard, as is generally the case at this level, in this part of the mine.

Or Shaft, Therapy occur Fatham Level.—In the cross-cut we have reached be inset wall of the pare lags. We shall continue to carry this cross-cut on to see fifteen fathams further, in order to ascertain if the jacutings is vided into two separate bodies, as we are led to believe from the surface see this section.

over this point.

No. 2 Place of Trial.—The ground in this place, during the last few days, has been something harder; after we pass this point we shall then be seen the great or main branches.

No. 3 Place of Trial.—In cutting through the jacotings, at this point, we find the north-eastern part of it to have changed its inclination; the work of trial, which we are about to carry on in this part of the mine, will very soon give us an insight into the nature of the jacotings in this direction.

Jour DALLEY.

ST. JOHN DEL REY MINING COMPANY.

at. John del ary mining company.

Oct. 13.—The produce for September was 6330 dits. 48 grs.; the stamps, from the diminished supply of water, were going at a slower rate throughout the month—the quantity of ore stamped was nearly 100 tons less than in the preceding month. Under all circumstances, I do not consider the produce discouraging—the rains having set in, we may look for an improvement.

Mine Report.—We have now on hand (underground), in the United Mines, full 300 tons picked ores—the killas, or poor stone, lodges on the stulls, or most of it. The stamps are not going so fast as I coult wish, the rains having ceased. The Lyan stamps have undergone a thorough repair; they were idle altogether three days; this is the first stoppage for repairs since they commenced working. The mechanics are now nearly all employed on timber work, for the wheel and framing the arrastres.

C. Herring, Jun.

C. HERRING, Jun.

TALACRE COAL AND IRON COMPANY.

TALACRE COAL AND IRON COMPANY.

**Report on the Geological Structure and Mineral Productions of a Property, situate in the parish of Llanassa, in the county of Flint, leased from Sir Edward Mostyn, Bart, and others, by the Talacre Coal and Iron Company.

**By Joseph Holdworth, Edg.

To the Directors of the Talacre Coal and Iron Company.

Gastelman, "Your object in requiring the professional investigations of a geologist being avowedly that of obtaining as perfect a knowledge, as existing circumstances will admit of the actual geological structure of the district to which your Talacre mining operations ar confined—for the better elucidation and develogment of its various valuable mineral contents, as affecting the present and future prospects of the Talacre Coal and Iron Company—it will not come within my province, even were it necessary for me, to enter upon any statistical examinations appertaining to the commercial department of the undertaking , nor do Iconsider that the peculiar character of the geomesy of the district under uves ligation will warrant me in certain guon a wide field of geological disquisitions, but, on the contrary, rather render my deductions and observations of a circumscribed and local nature.

ture prospects of the Takere Coal and From Company—it will not come within my province, even were it necessary for me, to enter upon any stabilistical examinations appertaining to the commercial department of the undertaking area to be reministed appearation to the contrary, rather render my deductions and observations of a circumscribed and will warrant me in entering upon a wide feed of geological dissipations, but, on the contrary, rather render my deductions and observations of a circumscribed and collection state.

Multiple of the contrary of the contrary of the several counties of Warwick, Leiscett, Glioucett, Someret, Ace, present such deducts and frimulable impediments of the present and contemplated mining labours and present and contemplated mining labours and present present of the company, but greatly facilitates the means of obtaining a proper knowledge of the couls avais as yet anexplored by the saiger or the minerators of the company, but greatly facilitates the means of obtaining a proper knowledge of the couls will be a contract, the minerat contents of which are excreely to be surpassed in abundance, and certainly not, in quality, by any explored, considered to a well tred a cont tract, the minerat contents of which are excreely to be surpassed in abundance, and certainly not, in quality, by any explored, considered in the contract of the contract of

to be under the company, or confidence and from Company, or quitting this most important part of the subject under review, I cannot new expressing my surprise, while contemplating the et concaging acroal metances detailed, that some energetic attempts have not been made to eather a discretization of the callest inclose since, by carrying some of those sharts far down. It would seem, indeed, that conditions and perseverance lever to

plane the c all measures relow the several pits put now between the "Given of Glarafan," and the railway incline plane, by carrying some of those abarts far deeper down. It would seem, indeed, that conditioner and pursurerance lever no research to the success of old intring undertak age; have almose been wanting land particularly in this justifishin experimental department of the company's opera thous, as is abundantly verified by the recent horizon, to serablish, beyond all doubt, the localculable value of this extreme division of the Figitishire conditions, as one producing property, and, even a make only, in every respect calculated, in an emiscent degree, amply to removered the coherprising contralist, and that, evidently, in a dust incovasing property into the magnetism of the collibery, and to the efficient only spirited measures and producing an entire of the collibery, and that, evidently, in a dust incovasing properties to the magnetism of the collibery, and to the efficient only spirited measures and producing spirited and that, evidently, in a dust incovasing properties to the magnetism of the collibery, and to the efficient only spirited measures and spirited measures are entirely spirited. And the incovasion of the collibery in the spirited measure entirely and spirited measures the regard to the spirited measures that the incovasion of the colliber property of the colliber property of the colliber property of the colliberation of the collibe

reins that have been opened, and which, in many instances, yielded a considerable quantity of ore, have generally been found of a partial and uncertain character, repeatedly opening and contracting, in a progress of ten or afteen yards from the surface. There are, however, two or three veins discovered by the last trials, on the eastern slope, which present very palgable critisuses of eventually proving much more certain and productive; one of them, which is penetrated about affects from the surface to two yards at the lotton of the pit, with every appearance of discreasing in width as the shaft descends. As the Cwm Mountain certainly abounds in small veins and detached parcels of iron ore, and it being perfectly characteristic of metallic veins often to divide and unite, and sometimes to separate into branches and strings, it would seem highly probable that more cajucious and coefficious ones exist therein; and, therefore, I should strongly recommend some further efficient trials to be made, which, if judiciously directed, I think, for the reasons adduced, very likely to prove quite successful. The ore is scarcely, if at all, to be surpassed in quality to that of the same description which I have seen so extensively wrought in Lancashire, Devonshire, and Cornwall. And if even but a comparatively mail portion of it more be procured and amelical down with the coal measure ironstone, which also much assists as a flux, it could not fall to materially enhance the obviously immense pecuniary advantages derivable from this important branch of the company's undertaking; and which, working in conjunction with that almost inexhaustible supply of valuable coal which, in this report, I have impartially and as briefly as possible endeavoured to show exists hencath the district under cammination, would certainly render the Talacter estate one of the most productive and valuable mining properties to the kingdom.

| Liverpool, Jan. 1 | | NA | LV | 815 | | P | TI | 12 | T | LE. | A | CR | R | C | n. | II. | | | | - | | | | |
|-------------------|-------|------|-----|-----|----|---|----|----|---|------|---|----|----|----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|
| combustible matte | | | | | | | | | | | | | | | | | | ial | 14 | 100 | N/I | tit | ies | |
| of agote and oxy | gen | | | | | | | | | | | | ** | | | | | | | | | ** | | 94 |
| ncombustible mai | tter, | er a | ash | | ** | | | * | | 6.89 | | | - | ** | 583 | *** | | | | | | | 6.8 | 1 |
| doisture | | | | | | | | | | | | | | | | | . , | | - | ** | ** | | | 4 |
| | | | | | | | | | | | | | | | | | | | | | | | | - |
| | | | | | | | | | | | | | | | | | | | | | | | | 100 |

The following table represents the per centage proportions of combustible in consisting of carbon and hydrogen, including exygen and asote; also the per age of incombustible matter, or ash, in different species of coal, from difficulties.

| Species of Coal. | Locality. | includin | E. | Ash. |
|-----------------------|--------------------|-------------------|--------------|---------|
| • | | Oxygen and | Azote. | |
| Splint | W: lam | 96:000 | | 13.913 |
| Ditto | Glasgow | 98'8/1 | | 1-128 |
| Cannel | Lancashire | B7:451 | | 9:546 |
| Ditto | Edinburgh | 85-434 | ******* | 14-206 |
| Cherry | Newcastle | | | 1:676 |
| Ditto | Glasgow | | | 1-421 |
| Caking | Caking | De 60; | | 1:293 |
| Ditto | | | | |
| | | 98 97 | | 1 03 |
| homotite one from the | Cores Managaratain | m montploop first | may comb. of | f motol |

PROCEEDINGS OF PUBLIC COMPANIES.

MINING COMPANY OF IRELAND.

The usual yearly meeting of the proprietors of this company took place on Thursday, the 14th inst., for the purpose of balloting for directors for the year 1841. The following gentlemen were manimously elected:—E. Atkinson, F. Barker, M.D., D. R. Blood, F. A. Codd, J. Dawson, I. English, J. Gray, R. R. Guinness, C. Lyne, J. Magee, T. Mooney, J. O'Neill, J. Porry, T. Pim, and R. Tilly.

In our last we published the directors' report and proceedings at the half-yearly general meeting of the proprietors, held in Dublin, on Thursday, the 7th inst.—we have now the pleasure of placing before our readers the following statement of accounts, with a copy of which we have since

| Mines. | . Expe | | | e.* | Prod | | | | | 088 | | | Prof | | |
|-------------------------|---------|-----|------|-----|--------|------|-----|-----|----------|-----|-----|-----|------------|-----|---------|
| Alanca. | 4 | | | | From | new. | | | - | - | . 4 | | - | | |
| Knockmahon Cop. Mines | 2 .004 | 10 | | | 81,807 | 14 | A | | - | | . " | ٠ | 10,951 | -ī | ľ |
| Slievardagh Collieries | | | 3 | | | | 0 | | | - | | | 3,619 | 14 | ï |
| Hallycorus Lead Works | | | | | 4.740 | 18 | - | | | | | × + | 10 C TO 16 | 1 | |
| Luganure Lead Mines | | | | | 4,927 | 12 | 6 | 1 | | - | | | 1,104 | LH | i. |
| Caime Lead Mine | | | | | | 6 | 3 | | | _ | | | 659 | U | ï |
| Derrypoos Lead Mine | 942 | | 7 | | 1,065 | 19 | | | | _ | | | 123 | | i |
| Killaloe Slate Quarries | 6.1 | | | | 5.814 | 12 | In | | DOG | 18 | 10 | | 2000 | 100 | |
| Genpatrick State Quarry | 124 | 6 | 4 | | 109 | | | | 18 | - | 3 | | 760.00 | - | |
| Silver Mines | 96 | 3 | 1 | | - | - | | | 865 | 3 | Ä | ** | Mari | - | |
| Gien Lead Mine | 14 | 19 | 7 | ** | - | - | | | 14 | 19 | 7 | | | - | |
| Lemgar Load Mine | 11 | 1.4 | 9 | * | - | mer. | | | 11 | 14 | 9 | | 1000 | -0 | |
| Ballycorus Lead Mine | 6 | 19 | 0 | | - | - | | | 6 | 19 | 40 | 4.0 | Marrie | - | |
| amphire Lead Mine | 6 | | | | - | - | | | | | | | - | - | |
| Kilcashel Copper Mine | | 5 | 4 | | - | HOR: | | | | - 5 | 4 | | West | | |
| Hollyford Copper Mine | 1 | 17 | 2 | | - | - | | | - 1 | 17 | 2 | | - | 100 | |
| Interest account | - | - | | | _ | - | | | | - | | | 4,080 | 13 | ú |
| usurance account | - | - | | ** | - | - | | 0 × | | _ | | ** | 336 | | |
| | - | | - | | | - | | _ | - | _ | - | | - | - | |
| | 14,764 | 19 | 4 | | 62,654 | i.B | 0 | | 432 | 9 | | | 25,439 | 8 | |
| Profit i | n six t | mou | athe | | | | . 1 | T, | pel | 15 | 8 | +× | Manage | - | |
| | | | | | | | 300 | - | marrie y | - | - | | - | - | , de sa |

General Account from Comm € s. d.

Profit in six months ending 1st Dec., Deduct dividends per half-pearly state-ment of accounts to ist June, into Fit h dividend, at 10 per cent. per an-num on deposited capital for the half-year codes ist June, 1s46. 36,100 8 6

#184,098 15 B

Cost of mines abandoned to (a) June.
Cost of concerns abandoned since [st]
June. [870]—
Glespat ick Siste Quarry, Waterford [86]
Ho 'lyford Copper Mine, Tipperary 69;
Kilcashel Copper Mine, Wicklow 56;
Camptite Lead Mine, Waterford 7;
Cost of mines, workings, Ac., to June 1
Purchases at Knockmaion Mi es, Silevariagh Collieries, and Silver Mines,
since locurred [1,275] 19 4 9 2-1,670 16 7- 30,277 6 9

1,778 18 2 since incurred
Improvements and searches at the
mines, Ac.
Improvements at the Company's premises, Dublia.
Less cort of mines, Ac., abandoned
since ist June, 184.
Glespatrick state Quarry nents and searches at the 1,087 19 2 18 14 5-97,120 18 8 1,676 IS 7 776 IS 2-- 2,447 IS 9

Audiev securities, 5 per cent, per ann. 7,54m 19 5 704 3 2 3,245 5 5

Less delds due by the company 4,7d7 11 11-46,129 6 1-184,921 9 0 • To this amount in to be added the expenditure in purch

CANDONGA MINING ASSOCIATION.

A special general meeting of the shareholders in the above company was held at the offices, Nicholas-lane, on Monday, the 18th inst.

Captain J. W. Parwatz in the chair.

The SECRETARY read the advertisement convening the meeting, and the minutes of the last meeting, and

the minutes of the last meeting; and on the spiration for their confirms. tion being put, a short discussion arose as to whether such confirmation would be a final dissolution of the company. Mr. Fasseristo (the solicitor to the company) stated his opinion,

that the confirmation of the minutes of a previous meeting was a scknowledgment that they were a correct record of what to-k that meeting, and did not at all alter any decision which might have been

A report from the mine was then read, which will be found under the

ead of "Mining Correspondence."

J. L. Gollmanto, Esq., asked, if, from the statement in the mining re-ort just read, the directors had any favourable anticipations, or the conport just read, the directors had any favourable unticipations, or the con-trary !-The Custaman said, he thought there was nothing in that letter

A Paoranzon asked when the next packet was expected; and being

informed in two or three days, a very general impression on the meeting appeared to prevail, that it would be advisable to wait the next reports from the mine before they decided on dissolving the company.

Mr. Pencuyal Journson stated, as a practical man, that he thought the supposition that the jacotings was divided into two branches, as stated in the report, was worthy being ascertained to be the fact or not before they decided; it was very probable that the gold would be found in the furthest branch, and as it would only require driving from twelve to fifteen fathoms, it was well worth waiting to ascertain the fact.

Mr. Goldsmit then moved an adjournment to Thursday, the 28th inst. Mr. Kingdon seconded the motion, and proposed a vote of thanks to the parties engaged at the mines, which was opposed by Mr. Goldsmid as premature; and it appeared the opinion of the meeting, that such thanks should be deferred until something decisive was ascertained as to their proceedings.

their proceedings.

It was then agreed to adjourn to the day above-mentioned, as a packet was daily expected, and the arrivals by which might influence their decision. Thanks were voted to the directors and chairman, and the meeting

SOUTH-EASTERN RAILWAY COMPANY.

An especial general meeting of shareholders in this company was held at the London Tavern, on Wednesday, the 20th inst.

T. W. TYNDALE, Esq., in the chair.

Mr. Years (the secretary) having read the advertisement convening

The CHAIRMAN said, the object of the present meeting was so clearly explained in the advertisement, that there was not much occasion for him to say anything on the subject.

Mr. TYRRELL here interrupted the chairman, and made some observations as to the proper course which ought to be adopted—they were, however, not attended to.

Mr. R. STERBENSON, who had been called in to examine and report on the proposed extension line of railway, explained to the meeting his views of the subject. The line, as oxiginally laid down, would interfere with the navigation of the River Stour; he had, therefore, taken a line—following the river on the north side—which would reduce the expenses of the line, and avoid a great deal of opposition. The expenses of the double line from Ashford to Canterbury he calculated at 25,000t, per mile, and the remainder of the line at 11,000t, per mile,—The total expense would be about 350,000t.

The question as to the manner in which the amount requisite should be

would be about 330,000t.

The question as to the manner in which the amount requisite should be raised, was then discussed, and it was understood the plan of the directors was to issue new shares, in the proportion of two in the proposed branch for one in the old company.—Mr. BAXENDALS was anxious that the question should be thoroughly understood before the directors went to Parliament; they had, therefore, on this occasion, called the proprietors treather, for the purpose of assyrtaining their conjugate, and the subject.

together, for the purpose of ascertaining their opinion on the subject.

After some conversation, during which Mr. Fig.p noticed the formation of a company, at a former period, on the proposed extension line (the property of which appeared, however, to have now become energed in the South Eastern Company), the resolution, giving power to the directors to carry out the branch from Canterbury to Ashford was agreed to and, as to the generation of expense.

to; and, as to the question of expense.

Mr. Cuntra stated that 1000% would be all that was necessary in the preliminary business, and would enable the directors to ascertain the prepriety of carrying out the line or not.—A Paopeauron proposed an adjournment of the question, as Mr. Stephenson was not prepared with an estimate of the cost of the proposed line—this, however, was ultimately withdraws.

withdrawn.

Mr. Curitr (the resident engineer of the company) explained the proposed extension of the line, and appeared to consider it highly desirable for the general success of the company.—The resolutions, emp-wering the directors to extend the line at the points mentioned, were then agreed to. Thanks were voted to the chairman, and the meeting separated.

TAFF VALE RAILWAY COMPANY.

A special general meeting of the proprietors of this company was convened, advertisement, at the Angel Inn, Cardiff, on Wednesday, the 13th inst.

Sir JOHN GUEST, Bart., M.P., in the chair.

A special general metals of the proposition of the land.

Sir John Gubert, Bert., M.P., in the chair.

The Chainman introduced the husiones by a'm ing, that the directors had not succeeded in raising the requisite sum for finishing the works, on the plan proposed at the instigeneral meeting, and had, therefore, adopted what appeared to them, after much deliberation, the best alternative, which would be plated before the meeting in the form of a recolution; and he believed it was for the interest of the abareholders universally, to enquise the hesions it was for the interest of the abareholders universally, to enquise the hesions it was doubted result of a fair dividend on the expiral expends!

Mr. James Poots, them moved, and Mr. C. James, seconded a resolution, in the effect that the company's new shares of 25f. each, should begreen the effect that the company's new shares of 45f. each, should begree membered interest, at the rate of 6 per cent., to be paid out of the income of the company, in preference to any other dividends.—Mr. J. Vaugutas abjected to this plan, and proposed issuing a sofficient number of shares at discount, for the completion of the main line, when, he did not doubt, the value of the original shares would materially rise in the market.—Mr. E. P. RIGHARDS supported Mr. Vauguas; and after some clear practical explanations from Messes. Anthony H.H and Walter C. ff., and some further explanators from Messes. Anthony H.H and Walter C. ff., and some further explanators from messes and the sevent of interest mow granted by a great majority.

It was stated by Mr. Coppis, that there was every prospect of the revenue from passengers alone paying the whole amount of interest now granted to the holders of the new shares, although that branch of traffic had not originally entered into the calculations of the propietors. The number of passengers, averaging, we are informed, above 1500 weekly, using the railway in its present incomplete state, proves the extension which it is likely to be accomplished i

ST. KATHERINE DOCK COMPANY.

ST. KATHERINE DOCK COMPANY.

The general meeting of proprietors in this company was held on Tanaday, the 19th inst., at the Dock house, to consider the amount of divide d to be declared upon the capital stock of the company, for the half-year unded the 31st December last.

THOMAS TOOKE, Eaq., in the chair.

Sir J. HALL (secretary) read the absertisement convening the meeting.

The CHAIAMAN, according to casteen, enhantised the accounts of receipts and expenditure for the past year, troor which it appeared that the balance brought forward on the let instant was 119,46th, 11s. 3.b., and that, after making provision for the past year, troor which it appeared that the balance brought forward on the let instant was 119,46th, 11s. 3.b., and that, after making provision for the payment of interest, accounting to 11,19th, 17s. 4d., due upon debendares, but the greater part and payable until April next, the disposable balance applicable to dividend would be 109,312h, 14s. 4d., and assuming the meeting would be of opinion that the account for the past half year be declared of 2½ per cent., the a nount, 33,920h, deducted from the balance stated, would leave a "rest" of 74,492h, 14s. 4d. At the securing in January loat, be had acticed to the proprietors that a gentimed interruption to the China trade would affect the searings of the conspary; it was however, consulatory to find the dimination for the past pear had not been more considerable; whilst, on the other hand, there was good reason to be lieve that the consocretal intercourse with China, which formed an important item in the date receipts, would, during the present year, he resumed. Pursuant to the mean practice, the chairman read the return of the quantity of ahipping that had entered the port of L moles with engres from finetap ports in the last three years, by which if was chosen that a durination during the last year had taken place, as compared with the presenting. It as declaring a divident of 14 per cost, for the half-year, by which if was endown that a duri

AUSTRALIAN AGRICULTURAL COMPANY.

AUSTRALIAN AGRICULTURAL COMPANY.

The seventeenth andread general meeting of the strateholders in this company was held at the officer, King's Arma-pard, on Tw-eday, the light hast.

J. S. Han wentered, no commanding the beateness of the day, that he much regretted the absence of their suspected governor, from independation, when had so while provided at former sectings. The general aspect of the company's affects was, however, of a highly torograph action, and the report, which would now be read, which to form the constant every information as to the state and prospects of the company's effects. He social past absence on one print, for fees one to the state and prospects of the company's effects. He social past of one million of area, with the cond miner, being excluded faint the voltation of the property, for reasons stated in the last report; the descriptive and considered that the time had arrived when the inspectant prospect; should be invised in the gengral statement, and such had now been done. led in the general statement, and a ch had

the directors, under dates 16.h November, 1839, and 1st January, 194

PUBLIC COMPANIES.

MEETINGS.

NGLISH COPPER COMPANY.—The court of assistants of the English Copper Company hereby give notice, that a SPECIAL GENE RAL COURT will be held at their house, No. 27, Upper Thames street, on Tuesday the 26th of January instant, at Twelve o'clock precisely, for the election of a go vernor and six assistants, for the remainder of the year, in the room of the governor

HOLMBUSH MINING COMPANY.—The directors hereby give notice, that a SPECIAL GENERAL MEETING of the shareholders will be he'd, at the office of the company, on Tuesday, the 9th day of February next, at One o'cloich precisely; the purposes of which may be known on application at the office of the company.—25, New Broad-atrect, Jan. 20.

hereby given, that the BOOKS for the REGISTRATION of the THANSFE of BHARES of this company will be CLOSED from Saturday, the 30th of Januar Batuday, the 13th of February, 1811, inclusive.

By order,

Bi CHARD CREED, Secretary.

Office, Easton Station, January : b. ONDON AND BIRMINGHAM RAILWAY.-Notice is

Onder, Enteron Station, January 15.

On DON AND BIRMINGHAM RAILWAY — Notice is the certy given, that the FEBRUARY HALF YEARLY GENERAL MEETING of the court of proprietors of the London and Birmingham Stating, the 12th of February neat, at Eleven o'clock in Ue forenoon. The chair to be taken at Tweive o'clock precisely.

GEONGE CARR GLYN, Chairman, of the board of JOSEPH F. LEDSAM, Deputy-chairman, of directors. By order, RICHARD CREED, Secretary.

Office, Euston Station, January 15.

CALLS.

TRELEIGH CONSOLIDATED MINING COMPANY. period for payment of the TENTH INSTALMENT of FIVE SHILLIN'S per bare having expired on the 2-th of December last, notice is hereby given, that all bares up a which the said instainment shall not be paid at the bankers of the com-any, Messra. Vere, Sapte, and Co., Lombard street, on or before the 26th instant, will be absolutely FORFSTIED. By order of the board, 25, Threadonedic street, Jan. 4. ROWLAND NICHOLSON, Sec. orialment shart no.

and Co., Lombard-street, on or before the

d. Co., By order of the board,

BOWLAND NICHOLSON, Sec.

DIVIDENUS.

TONSOLIDATED COPPER MINES OF COBRE ASSO CIATON Notice is hereby given, that a DIV DEED of THREE POUNDS of share will be paid to the builders of certificates in this company, at the office of a saccela km, 28, Austinfriers, on and after the 48th day of January Instant, because the hours of Rieven and Three o'clock. The proprestors are requested to see their certificates at the office for examination three clear days before the day payment.

By order of the court of directors,

M. LECKIE, Secretary. yment. And offices Jan. 12.

OLMBUSH MINING COMPANY.—The directors hereby give notice, that a DIVIDEND of ONE POUr D per share with be paid, at a office of the company, on Thursday, the 15th of Fibruary next, between the mrs of Eleven and Three or 'cle ca...*.* Scrip certificates to be left the preceding endays, between the same hours.

(6), New Broad-atreet, Jan. 13.

OYAL SANTIAGO MINING COMPANY.—Notice is hereby gives, that the six months' DIVIDEND of I WO FOUNDS nor share, on the sares of this company, declared at the meeting on the 6th hotant, is now in course payment, at the office of the company, as, frond-arrest buildings. The dividend arrants must be left at the office three days before the day of payment.—Jan. 19.

VICKLOW COPPER MINE COMPANY.—A DIVIDEND of BEVEN AND A HALF Fe B CENT, out of the pe fits of the half year, ing 1st incitember last, has been this day declared by the Wicklow Copper Mine spany, which will be payable on and after the 18th day of February, at No. 11, set Oltmond quay; and in London, at No. 22, Tokenhouse-yard.

ONDON AND WESTMINSTER WATER COMPANY

Various elatements having been inserted in the public papers, to the effect thating the execution of the experiment which was ordered to be made by Thairmen of the Select Committee of the House of Lords for the Supply of Walter the Metropolic in Bushy Hall Mesitows, the well in this town and neighbous were affected by the operations of the dream regions, this is to certify, if broughout the notice period that the engines were at work, we, the undersign retinements, from an illevence in our supply of water — lorder the the control of the dream of the state of the dream of the control of the dream of the state of the dream of the state of the dream Richard Mayor D niet Warren Barah Aston Joseph Wilken E. Ryden Mrs. Wilson James Cole Rober: Copeland John Pape George Allen Thomas Christmas Coacles Rames

Robert Stoche, Chalk hill, Mr. William Beilin Bushy, Herts W. Rossis B. Twine John Mayor Bhad. Biges John Miller Basley Smith George Healey Joneph Figg S. Marcs Heatry, Hosta M. Trens Shad Diggs hatley Scotth Jess ph Pag Willian Herwood George Poulton John Holman John Holmahor George Pope William Keong Thomas Amb shaw Jan. John Poscock Thomas Ind Jungah Stone B. Nales Ann Toppeln house therehaw, see. dward (linky tange (they lary Haly amount (theky

Thomas Christmas Chailes Rames Samuel Elias Heary Kingham George Potton Charles Whitakes Ann Squire to the same effect were received from the following

one, Chalk hill, Bushy

am Because of the provisional committee of the London and Westminater or the provision and Westminater of the American and Westminater of the Company his day, the above decrementa before the board, and were reviewed to be beareful in all the daily papers, WINTER, WILLIAMS, & WILLIAMS, Buildings to the Company, and Westminater Water Works Office,

HE PATENT SAFETY FUSE
FOR BLASTING ROCKS IN MINES, QUARRIES, AND FOR SUBMISSION
RATE No. — This article affords the salest, chaques, and most expeditions
for effecting this very basedone operation. From many festimonics to its
sloces with which the Manufacturers have been favoured from every part of
supplies, they select the following letter, recently received from John Taylor,
F.R.B., &c. Ac. —
any very gaid to local that my THE FOR B

Eng. F R.S., &c., &c., ec., ac., ...

"I am very giad to hear that my recommendations have been of any service to see. Every have been given from a thorough conviction of the great unclusions of the Marky Pane; and I am quite willing that you should employ my name as evidence of the."

Manufacture: and sold by the Patentoes, RICKPORD, SMITH, and DAYEY, Camboun, I comment.

THE INVENTORS' ADVOCATE, AND JOURNAL OF INDUSTRY, a WEEKLY SETTING and FOREIGN MISCELLAYY of SCI ENCE INVENTORS, AND ACTIONS MISCELLAY of SCI ENCE INVENTORS, AMANCHAI TURKES, and ARTH, in the most no full and compenhance work of the kind publisheds. It recombains the sciencific intelligence of the week; yentred that discussation or federals and determined manipulson; that of patients granded stores and action of science in the second manipulson, could be a superficient of the inventors and the arts; with a validay of information induced and determined and other inventors, which as validay of information induced injuries of the second control of the sec

BLAENAVON IRON AND COAL COMPANY, under Royal Charter—The directors are now ISSUING DEBENTURES, to a limited AENAVON IRON AND COAL COST.

Charter —The directors are now ISSUING DEBENTURES, to a limited, at 6 per cent per annum, interest payable half-yearly.—Applications for ne may be made to the solicitor of the company, Isaac Sewell, Esq., 25, morton-street; or to the secretary, at the offices of the company, 4, Pancardon-street; or to the secretary, at the offices of the company, 4, Pancardon, 4,

NOTICES TO CORRESPONDENTS.

With our next Journal will be published, on a stamped separate sheet, the Title and Index to the Tenth Volume; any irregularity in its delivery by agents can be rectified on application at the office, where a supply will be kept, to prevent the disappointment experienced on former occasions, from neglect in not forwarding it with the Journal.

Errata.—In Mr. Martin J. Roberta's communication, "On Assaying Copper Electro-Chemical Action," inserted in the Journal of last week, page 72, 3 line from Lop, for "take your positive cylinder, and put in it a small bladde.", "read "take your positive cylinder, and put it is a small bladder, &c. ame page, 21d line from top, for "I shall describe the last method," read shall describe the best method."

We were unable to get the diagrams in Mr. John Phillips's letter finished in time for our present publication.

Messes. Lean's Monthly Report of the Duty performed by Cornish Steam Engines, the Proceedings of the Geological Society, together with several communications received by this morning's post, are secessarily postponed.

THE MINING JOURNAL, Bailway and Commercial Gagette.

LONDON, JANUARY 23, 1841.

Having before us Mr. RICHARDS'S "Annual Sheet" of the Exports of British and Foreign Metals, with much other valuable nformation, and statistics having relation to foreign and home production, we have, with some care, endeavoured to furnish, in our columns of to-day, an abstract of the paper, which enters too much into detail to admit of insertion. The results afford important data to the merchant and manufacturer, and we have, therefore, rendered them in a tabular form, which will be found comprehensive in furnishing the varied information, and enabling those interested to draw their own deductions, without regard to any observations we may feel called upon to make.

With reference to our exports, it will be seen that a decrease has taken place to the following extent :- In iron, 5172 tons; steel, 744 tons; copper, in sheets and nails, 24 tons; tin, in blocks and bars, 1042 tons; tin plates, 6764 boxes; lead, in pigs, &c., 357 tons; and in quicksilver, 217,142 lbs., while the increase has been confined to cake copper and spelter-the excess of the former being 182 tons, and that of the latter 80 tons. On this, as other results shown by the tabular statements in our columns, we shall hereafter have more to say. We now arrive at the quantities of foreign metals on which duty has been paid for "home consumption" during the past twelve months, and here we again find that a diminution has taken place in every instance, with the exception of copper-too insignificant to notice-the decrease being as follows -Iron, 6389 tons; steel, 19 tons; lead, 5 tons; spelter, 135 tons and quicksilver, 103,869 lbs. The next table which presents itself is a statement of the stocks of foreign metals on hand on 1st January 1839, and January 1st of the present year, as showing the increase or diminution-the increase being confined to steel, 100 tons; tin, 75 tons; and quicksilver, 540,000 lbs.; while the decrease in the stocks is-Iron, 125 tons; copper, 950 tons; lead, 800 tons; and spelter, 1720 tons. The prices of the metals, which are likewise introduced. are distinguished, showing the highest, lowest, and average price -thus combining much useful and interesting information. To afford the means of arriving at those conclusions, whereby our readers may judge of the causes to which are to be attributed the rery considerable decrease in some instances of our exports, as also the increase in others, we have appended an abstract of the tables referred to, on which we now proceed to offer some observations.

Although the deficiency of our exports in iron appears on the aggregate to amount to only 5172 tons, it will be observed, on reference to the explanation appended to the tabular matter referred to, that the quantity taken by the United States in 1840 was less by 24,712 tone than that of the preceding year; and that France and the Netherlands also reduced their imports by 3014 tonsthus making a reduction in our exports to these three places alone of 27,726 tons. On the other hand, however, it is gratifying to find that Madras and Calcutta doubled their importation of the preceding year, the quantity for 1839 being 7877 tons, and, for 1840, 15,715 tons, or an increase of 7838 tons. Again, Bombay, which took in 1839 only 5542 tons, advanced in the past year to 10,613 -being a surplus of 5071 tons. New South Wales, in like manner, doubled its quantity, the respective amounts being, for 1839, 2147 tone, and, for 1840, 4521 tone, or an excess of 2374 tonsthus equalising to a considerable extent the decrease. With reference to copper, little or no variation has taken place as to the excess or diminution in our exports to the several ports, which, with a trifling difference, are the same as those of the preceding year. In tin plates there has also been a falling off in the United States to the extent of 13,032 boxes, and Trieste 3390; these, however, have been, in some degree, met by increase at other foreign ports. In tin (blocks and bars) the decrease amounts to 1042 tons, or 35 per cent., on the exports of the preceding year. With respect to lead, the decrease on balance is only 357 tons, but, on reference to the tables, it will be seen that Russia, which in 1839 took 2150 tons, imported only 438 tons in the past year making the considerable difference of 1712 tons; France, on the other hand, nearly doubled the quantity of its import, that for 1830 being 1242 tons, and for 1840, 3282 tons-giving an excess of 1040 tons. Spelter (or sine) shows a decrease in our exports to France of sos tone, which is explained by that metal being transported direct into that country from Belgium, &c .- the application and use of which has very considerably increased; the diminution must not, therefore, be attributed to want of demand, which, indeed, would be contradicted by the price it has attained during the past twelve months, being now (for delivery) 26/, per ton, or an advance of 20 per cent. If, however, there has been a diminution in this instance, it is counterbalanced by an excess in shipments to Madras, Calcutta, and Bombay, the quantity taken in 1839 being 1538 tons, while the exports for 1840 were 2627England and France, which may be taken at 20,000 tons per annum, however, affords proof of its extended application in other countries. The exports of quicksilver have been subjected to a decrease of about one-tenth, Mexico alone having diminished from 331,808 lbs., being the returns for 1819, to 175,923 lbs.-leaving a difference of 155,885 lbs. Chili and Peru have also fallen off 179,797 lbs.; while the principal increase is with France of 125,730 lbs., and to the Netherlands, Hans Town, &c., 148,930 lbs

The duty paid on foreign metals for home consumption shows, in like manner, a decrease-iron being 33 per cent. less; spelter with the slight diminution of 135 tons, which, however, is met by a decrease in stock on hand of 1720 tons-thus making, virtually, an increased consumption of 1585 tons; in quicksilver the decrease is 103,869 lbs. The stocks of foreign metals present generally a decrease-copper 950 tons, lead 850 tons, and spelter, as already remarked, 1720 tons, there being an increase in quicksilver, which, with the reduction in our exports, must have, we should imagine, an effect on the current price of that article, although the demand is said to be steady; in 1838 the stock was only 20,000 lbs.; in 1839, 160,000 lbs.; and, on 31st December, 1840, it had increased to 700,000 lbs. The statement of prices of metals show the extremes, with averages for the past twelve months. Bar-iron has fluctuated between 7l. 15s. and 9l. 15s. per ton-copper between 91l. and 98l., the present price being 100l. Tin advanced from 781. to 841., but is now somewhat lower, being quoted 821.; lead, which was at one time 171. 10s., has been done at 201. per ton, the present price being 19l. 10s.; spelter may be quoted 24l. in bond, being an advance of 41. per ton; quicksilver ranging from 3s. 10d. to 4s. per lb.

In closing our remarks on the tables to which we have made reference, some observations may be expected from us as to the state of the markets, and the appearance they present, we, therefore, give the substance of the information gathered from varied sources, believing it to afford a correct view of our present position. The stock of foreign iron has been, in some degree, reduced by purchases made within the last few days, and prices are firm. British iron fully maintains its price, and sales have been made at an advance-orders having come in from the United States and the East Indies; the quantity shipped to the former, during the past twelve months, showing a very considerable falling offthe exports for 1839 being 49,001 tons, and for 1840, 24,289 tons, or a decrease of 24.712 tons. Swedish steel, the stock is small, quoted prices being readily obtained-business, however, limited. In copper the market is brisk, with few sales. Tin cannot be said to have an equally firm appearance as other metals, although the " tinners" ask full prices; in this trade the nature of the business doing between the houses and the opposition is well understood; offers are not, we believe, refused by the smelters when coming near the price-on the other hand, we understand the Tinners' Company " hold out." British lead is improving in value; the stock of Spanish is much reduced, if not entirely exhausted -purchases having been made " for arrival." The stock of spelter, as shown by the tabular matter, inserted in another column, it will be seen, was reduced from 3650 tons to 1930 tons, and which, we are given to understand, does not at this moment exceed (if it amounts to) 1000 tons-the greater proportion of which are in quiet hands; the price of this article is 24% in bond (or 26l. per ton), with every prospect of advance. Quicksilver offers no room for remark, beyond quoted prices being readily obtained, the demand being steady.

We have thus endeavoured to present to our readers a review of the past year, as affects metals, and have put together such remarks as appeared to us necessary for the elucidation of the tables, or to condense the matter most important. We shall endeavour, in an early Number, to render explanation of the causes of decrease of export, as also the consequent effect produced in other departments connected with this branch of metallurgical science, to which the columns of the MINING JOURNAL are devoted. We purpose following up our present remarks and tabular matter, by giving further statistics, embracing the past seven years, which, we doubt not, will be found equally interesting, as a record of such nature must be considered important.

RAILWAY BETWEEN ENGLAND AND SCOTLAND.

On Friday, the 1st inst., Sir Frederick Smith went by Hamilton to Lanark, and, on the 2d, he went by one of our railways to Airdrie, on the opposite of Clyde, and this week he was to be again at Lanark. When the inspection is completed, Sir Frederick will then have before him the whole four tines, the merits of each of which are strongly advocated by their

whole four tines, the merits of each of which are strongly advocated by their respective supporters.

1. The east line, from Edinburgh, by Dunbar and Berwick, to Newcastle, which its supporters hold as the best line between the two capitals—London and Edinburgh.

2. The east midland line, from Edinburgh, by Galashiels, through Rozburghshire and the North Tyne, joining the Newcastle and Carlisle Railway at Hexham, about forty niles from Carlisle. This is held out as giving Edinburgh the advantage of communication both to London by Newcastle, and to Liverpool and Manchester by Carlisle.

3. The west midland line, from Carlisle by Beatock, through Clydesdale, to Edinburgh and Glasgow, by two diverging lines of thirty mileseach, from Symington, in this county, or a point on the Clyde above Lanark. This is strongly advocated, as giving the nearest communication from both Edinburgh and Glasgow to London, as well as the west of England, with the advantage of accomplishing this for the greatest part of the gland, with the advantage of accomplishing this for the greatest part of the way by only one line. This line is reported as the best by Mr. Locke; and it may be worthy of remark, that it appears to have been by this line, and also from a similar point of divergence, that the Roman armica marched from England to both the east and west of Scotiand; and from mear the same Roman station diverges the great Parliamentary road executed by the late Mr. Telford, under the Government Commissioners for ation between England and Stirling, or the north

4. The westmost line, from Carlisle, by Dumfries, Sanquhar, and Ayrshire, to Glasgow. This is held out to be the best communication from Glasgow to all England, by the report of Mr. Miller, engineer.

The line to Edinburgh from Symington, running on the north of the Pentland range, is considered a much easier line, and through a much more productive district, than the one previously surveyed to Edinburgh, by Linton, on the muth of the Pentlands, but the point of divergence, we believe, commands both sides of that range, as well as both sides of the Clyde. Sir Frederick, we have also reason to understand, was estisted with the field plans submitted to him by the proflemen interested in the centers giving an increase of 1089 tons; the United States also, which in 1839 took only 28 tons, increased in 1840 to 273 tons; the larger quantity, although insignificant compared with the consumption of haps account for the remound decision in favour of the net line.

STATISTICS OF BRITISH AND FOREIGN METALS.

r an-

other

to a from

ing a off e of

lbs. OWE, elter t by

ally,

case y a adv

ich, ne, deha. ;

in-

wor ron

beced

1. : per 241. om

de he ve, nt rere

de be he 39 k

3 q The following tabular statements are compiled from the "Annual Sheet for 1840," furnished by Mr. J. Richards, of George-yard, Lombard-street, and referred to in the leading article of this day's Journal:— Statement of British and Foreign Metals Exported from London and Liver pool, from 1st January to 31st December, 1840.

| | 1800. | 1840. | Inc | rease. | Decrease. |
|--------------------------------|-----------|-----------|-----|--------|-----------|
| Iron in bars, hoops, &c tons. | 112,559 | 107,367 | | | . 5,172 |
| Steel | 2,738 | | | - | |
| Copper in cakes, &c | 3,25: | | | 182 | |
| Copper in sheets and nails | 6,2 3 | | | | |
| Tin in blocks and bars | 2,831 | 1,879 | *** | | 1,042 |
| Tin plates boxes. | 197,98 | 191,216 | | | |
| Lead in pigs, sheets, &c tons. | 9 378 | | | | |
| Speiter | 3,391 | | | M | |
| Quicksilver lbs. | 2,423,(81 | 2,265,819 | | -, | 217,142 |

The following statement of exports of British and foreign metals, with the increase or decrease in the past year, compared with that of 1839, distinguishing those places where such increase or decrease has arisen, will, in some measure, afford the means of arriving at correct conclusions, of which the general table is not capable:—

Landon and Liverpool Exports.

| | IRON. | | | - |
|-------------------------------|-------|-------|----------|----------|
| | 1839. | 1640. | ncrease. | Decrease |
| Prussia tons | 836 | 1616 | . 780 | |
| Netherlands | 28 0 | 1312 | | . 1496 |
| France | 3154 | | | |
| Spain | flys | 1225 | . \$27 | |
| Trie-te, &c | 1783 | 30-14 | . 1261 | |
| Greece, Turkey, &c | 2120 | 2896 | . 776 | |
| Barbary and Coast of Africa . | 1213 | 1745 | . 552 | |
| Maita | 1.76 | 1122 | . 446 | |
| Cape of Good Hope | 1161 | 712 | | 319 |
| Madras and Calcutta | 7827 | 157:5 | . 7688 | |
| Bombay | \$142 | 10613 | . 5071 | |
| China | 806 | 1137 | . 331 | |
| Mauritius, &c | 2196 | 3474 | . 1276 | |
| New South Wales | 2147 | 4521 | . 2374 | |
| United States | 49001 | 24288 | | . 24712 |
| British West Indies | 1330 | 945 | | . 385 |
| Brazil | 1851 | | . 573 | |
| Buenos Ayres | 628 | | 646 | |

Calcutta, where the increase is 908 to United States being 1182 tons.

| Spain | | *** | | **** | | | | **** * | - | |
|---|----------|--------|---------|---------|---------|--------|------|--------|-------|--|
| Portugal, &c | ****** | | | **** | | | | | | |
| Gibrultar | | | | | | | | | *** | |
| Sardinia, &c | ****** | | | **** | | | | | - | |
| Naples | | | | | | | | | - | |
| Trieste, &c | | *** | | | | | | | | |
| Greece, Turkey, | kc | | | | | | | | - | |
| Madras and Calcu | atta | | | | | | | ***** | - | |
| China | | | | | | | | | 1570 | |
| Mauritlus, &c | | | | | | **** | | | - | |
| New South Wales | | | | | | | | ***** | ment, | |
| Bri ish N. Americ | | | | | | | | *** * | - | |
| Unite : States | | | | | | | | | | |
| Buenos Ayres | | | | | | | | | | |
| Chili and Peru | | | 2506 | | 1416 | ***** | - | ***** | 1180 | |
| | 4 | TIN | (in blo | cks as | d bars | | | | | |
| | | oreig | | iritish | | Total. | Inc | Trase. | Decr. | |
| Russia | 1839 | 2.4738 | | 346 | | 715 | | | | |
| | | | | | | 355 | | - | 360 | |
| Hans Town, &c. | | | **** | | | 151 | | | | |
| | | | | | | 43 | | | 109 | |
| Netherlands | 1830 | | | | | 316 | | | | |
| | 1840 . | 2.7 | | | | 248 . | **** | | 68 | |
| France | 1839 | | | | | 252 | | | | |
| ** ****** | 1840 | 21.2 | | 288 | | 319 | **** | 67 | - | |
| Sardinia | 1849 | 353 | | 25 | | 418 | | | | |
| 45 | 1840 | 7 | | 23 . | | 95 | | | 323 | |
| Trieste | 1839 | 2116 | | 61 | | 267 | | | | |
| | 1840 | 35 | | 104 . | | 139 | | | 128 | |
| Greece, &c | 1839 | 5.2 | | 201 | | 213 | | | | |
| ** ***** | 1840. | 24 | | 1 18 . | | 163 | | | 91 | |
| United States | 1619 | 315 | | 8.3 | | 398 | | | | |
| | 1840 | 105 | | 76 . | | 181 | | - | 217 | |
| 4 | 1.1 | EAD | (in ple | n, she | ets, Ac | 3 | | | | |
| Russia | 1819. | | | | | | | | | |
| *************************************** | | | | | | | | | 1712 | |
| | A course | B | | 5.00 | | 4716 | 8 | | | |

| | | 1840 . | 60 . | | 372 | **** | 432 | | 43 | 6 K Henry |
|----------|-----------|--------|------|-------|-------|-------|---------|--------|----|-----------|
| | | | | SPEL | TER. | | | | | |
| | | , | | Ison. | | 1810. | | | | Decrease. |
| France | ****** | | tons | 1103 | 18 | 236 | | (MARK) | | . 50% |
| Madras | and Calcu | tta | | 1109 | ***** | 24.3 | | 85.4 | | × 1000 |
| Bombay | | | | 369 | | 604 | ***** | 235 | | |
| United ! | States | | | 28 | | 273 | ** ** * | 245 | | |
| Cunstwi | et | ***** | | 491 | | 124 | | 3000 | | . 874 |
| | | | QU | ICKS | HLVE | R. | | | | |

. 1316 . 1781 . 1016 . 680 . 334

185

Netherlands

Madras .. .

China

New South Wales

... . 272 -

.... - .. . 228

833 605 - . . . 228

441 164 - 317

258 4-0 196 . . . —

1399 1926 527 — 1742 2782 1940 —1040 ... -

| | 100 100 | | 10000. | | TECLES. | ec. | Decrease. | |
|----------------------------|------------|-----|------------|-------|---------|------|------------|--|
| Russia lbs. | 149,800 | | 147,200 | **** | 17,400 | | - | |
| Deumark | 10000 | | 4,100 | | 4,000 | | - | |
| Hans Town | 34,550 | | 174,460 | | 49,910 | | - | |
| Netherlands | 19, 00 | | \$66,020 | 48.00 | 79,420 | | | |
| France | | | 194, 40 | | 125,739 | | - | |
| Portagal | 46,120 | | 18,400 | | 200 | | 15,750 | |
| Sardinia | | | 3, 00 | -8 34 | 2000 | | 12,500 | |
| Madras and Calcutta | T83, 13.1 | 4.4 | 10 ,959 | | 986 | | 78,194 | |
| Bombay | 41,861 | | 68, 50 | | 27,167 | | 2000 | |
| New South Wales | | | | | | | | |
| British N Amer. Colonies . | Je 6 | | 6,750 | | 6,236 | | (Mile) | |
| United States | 173,2'9 | | 114,000 | *** | 2000 | | 50,219 | |
| British West Indies | 100 | | 4,760 | | 4,750 | | and: | |
| Bragil | 910 | | 41,000 | | 44,100 | | 100 | |
| Me ico | 231,506 | | 171-928 | | 10000 | | 155,695 | |
| Colombia | | | 4,535 | | 4,585 | **** | - | |
| Child and Bern | Assets WAT | | A.m. 4 . 4 | | | | A THE THAT | |

Statement of Duty paid on Foreign Metals for Home Consumption, at London Liverpool, Hull, and Bristol, from the 1st January to 31st December, 1840

| | 1808. | 18/9. | | 1540. | | CPUBBE. | Decrease. |
|------------------|---------|------------|-------|---------|---------|---------|-----------|
| Iron tons | 17,301 | 18,516 | ***** | 12,127 | | - | . 6,3:0 |
| Steel | | | ***** | | | - | |
| Copper | 171 | 1.5 | | 17 | + 111+8 | 4 | |
| Tin | 2 | | | - | ***** | - | - |
| Lead | | | | | | 000 | |
| Speiter | | | | | | | |
| Quickailver Iba. | 470,180 | 21,147 | | 227,178 | 21 4 × | - | . 103,469 |
| | | - | - | | | | |
| | States | Clark | of Fa | | Satala | | |

| | 1404-0. | 1809-4 . | 1845-1. | Increase. " De | - |
|------------------|---------|----------|---------|----------------|-------|
| Iron tons | 3,700 | 5,0 5 | 4,150 | 100 111111 | 1.25 |
| Steel | Ivan | M | Ess | 100 | News- |
| Copper | 1,539 | 1,250 | 300 | *** ****** | 950 |
| Tie | 119 | 76 | 145 | 75 | 966 |
| Lead | 750 | 1,700 | List | | |
| Spelter | 2,730 | 3,450 | 1,836 | - 1114 1 | 17:30 |
| Quicknilver. De. | | | | | |

Prices of British and Foreign Metals.

| | H g1 | | | | | | | | | | | 722 | |
|-------------------------------|------|------|-----|-------|------|------|---|------|--------|--------|---------|-------|------|
| | NO 1 | 100 | v . | 200 | 10 E | 122 | F | 121 | Bior. | o Elba | - | perio | 0. |
| Inox-Pigs, No. I | 5 13 | 1 | | | 6 11 | . 10 | | | 3 | | . 5 | | |
| Bart | y 14 | | 8 | 1 | 1.3 | | | . 9 | 13 | | | | |
| Hoops | 1 24 | | | . 14 | 1 5 | | | . 10 | 12 | 2 | . 82 | | |
| Shorts, single | 2 10 | | 8 | 13 | 8 | 1 10 | | . 13 | 1.0 | 2 | . 12 | | |
| Foreign, Swedish in bond L | 5 14 | | | 52 | 1 10 | | | . 11 | 17 | | . 13 | | ki |
| Rowles, common | | | | | | | | | | | | | |
| Ditto P.s.I | | | | | | | | | | | | | |
| Dete CCND | 16 | - 16 | | . 18 | 1 18 | | | . 10 | 200 | | . 18 | 18 | |
| STREE-English Hilstered 4 | k e | | | - 23 | | | | 23 | l top | 437 | 254 | 1. 4 | S.F. |
| F crign, Swedish | 0 0 | - 4 | | 10 | 3 | - 40 | | . 16 | 8.5- | | . 19 | - | 0 |
| Corres-English cake 10 | 8 16 | - 6 | | | 0 | | | . 16 | | | Detect | | - 6 |
| Sheet | 8 8 | | | . 0 | | 11 | | | | 214 | 211 | 14. | ia. |
| Tim-Envlish block | | | | .79 | | * | | | | | #2 | 0 | |
| Bar # | 0.00 | | | . 100 | - 80 | | | 42 | - 6 | | 3.0 | | |
| Plates I.C. | 12 | | | _ 1 | | | | . 18 | I. See | MOVE | 8 | 16 | |
| Foreign, Straits and Banca St | | | | . 54 | | | - | 76 | * | | 234 | 2 | M. |
| Lass - Eng tob pig 20 | | | | | | | | | | | | | |
| She t 21 | | | 100 | . 14 | 16 | 4 | | 13 | | | 250 | 14 | |
| \$360° | 100 | | | . 78 | 18 | | | 23 | 2 | 4 | M15 | | 8 |
| For ign. Spanish | | | | | | | | | | | | | |
| Season Caption III | 54 | - | | 708 | - | - | | 200 | Fox. | | 200 | - | |

ORIGINAL CORRESPONDENUE

ON MINE : URVEYING.

TO THE EDITOR OF THE MINING JOURNAL.

Sin,—I have been waiting for the fulfilment of the pledge of Mr. Phillips, of Tuckingmill, who, in your paper last month, engaged to prove that the mode of dialling commonly adopted in this county, which I explained and condemned, is proper and perfect. I presume that this gentleman's practical mining friends have, in the interim, convinced him of his error, and succeeded in presenting his new terms. tleman's practical mining friends have, in the interim, convinced him of his error, and succeeded in persuading him not to expose himself before the public any further in this matter, and it is so far to his credit that he has had prudence enough tacitly to acknowledge his fault, by withdrawing from the contest. Yet, I contess, I think something more than this is due to the public, and it certainly behoves him (as a teacher of polite behaviour as well as science) to come forward and speedily declare his mistake, and not think to justify hisself in quitting the field in this unceremonious manner, after the unqualified pledge recorded against him in the Mining Journal.

take, and not think to present the unqualified pledge recorded against him in the monitous manner, after the unqualified pledge recorded against him in the Mining Journal.

I intended, if this gentleman had come forward, to have coupled him andy our Lancashire correspondent, "X.," who also appeared last month, as one pair in the same report; but as it seems in Mr. Phillips's back a run has taken place, and he has buried himself under his own attle, we shall consider his prich as given up altogether. I cannot imagine what could induce your correspondent, "X.," who calls himself a colliery manager, to suppose that I included coal mines or coal captains in my letters on mine surveying. Surely, it is most evident that the whole relates to metallic mining, and the scene is distinctly laid in Cornwall. I can assure your correspondent that I have never seen a coal mine, except in Belgium, and consequently know nothing practically of the English mode of conducting them (just as little, perhaps, as he seems to know about copper, tin, lead, or silver mining), and possibly I should never have known but what the surveying department of the British collieries was conducted in the most able manner, had not this writer, in the self-confident display of his methods of proceeding, convinced me that it is

was conducted in the most able manner, had not this writer, in the self-confident display of his methods of proceeding, convinced me that it is (at least so far as he is concerned) very wide of the true mark, and by no means the most excellent way.

You can bear witness, Mr. Editor, that I never write in public under a fictitious name, and I certainly have a great dislike to anonymous writing. I believe all candid men will allow that it is both unfair and dishonourable for any writer to attempt to come in disguise against an open correspondent; there may be a plausible pretext, but I am persuaded no justifiable motive can exist for such unmanly conduct. I shall take as hasty a review of this unknown writer's letter as possible, for it is only necessary to bring one part of it in contact with another and an annihilating collision will at once take place. In his introduction he makes a dead attack on such of his brother managers as do not adopt his plans, and yet, forsooth, he is pretending to defend them against an imaginary censure of mine! But now for his consistency. "Perhaps Mr. Budge will oblige us by saying where a false survey has thrown away thousands of pounds;" answered point blank by "X." himself, as follows:—" It cannot be denied that, for want of surveys, &c., in bygone days, thousands have been ex-

But now for his consistency. "Perhaps Mr. Budge will oblige us by saying where a false survey has thrown away thousands of pounds;" answered point blank by "X." himself, as follows:—"It cannot be denied that, for want of surveys, &c., in bygone days, thousands have been expended uselessly;" and, again—"When a mine is not worked to a plan, but at the discretion of, probably, some one who does not understand his business, then the mine is generally cut up to no purpose, a great deal of unnecessary work done, and very often considerable coal lost." What do you think, Mr. Editor, of this Lancashire mode of advocating the abi lities of colliery managers? I care little about what this wild writer, or any other, may do in attempting to wrest my words, in order to give them an unintended and improper meaning. I have an important public object in view, which is, to expose and expel, if possible, a bad system of mine surveying, that is much practised in Cornwall and Devon—which will not admit of proof—is, consequently, fraught with danger, and is every way objectionable. But it appears this ex-manager, after all his seeming opposition, throws all his weight against the mode of dialling that I am contending against, and condemns it loudly! Then, Sir, by what motive could be be influenced in thus troubling either you or me with such a long and irrelavent epistle?

This colliery manager's statements, that "a line of iron rails will not attract the needle," and that "a correct plan of the surface will prove the correctness of the underground survey," will be scorned and sconted by practical men; and the extraordinary remark, that "is inking a vertical shaft in sections is a very extreme and unusual case—one that happens, perhaps, once in a century"—will convince your Cornish readers, at least, that his knowledge, slihough not deep, is certainly every low. We learn, from his own account, that he performs the office art of his surveys by geometrical construction only, and relies on that operation for the perfection and proof o metic, by my tables in the Practical Miner's Guide, the operation, to any ordinary extent, may be worked out with ease, speed, and cagtainty, to the fraction of an inch. I repeat, and I shell be supported by every well-taught practitioner, in declaring most positively that it is by mathematical numbers only, and not by fines, that any mine survey can possibly be proved; and the man who is incapable of calling in the aid of logarithms, or other trigonometrical numbers derived from that grand invention or discovery, revealed to the celebrated Napier for the benefit of the world, should not presume to take an instrument in his hand to perform any work in which accuracy is required. But, in taking leave of our concealed friend, "X.," I think it but fair, Mr. Editor, to being to your remembrance that, after stating his low and defective methods, he looks around with no small degree of assurance for public applause, by adding—"What can be simpler?" Simpler! Is this the critic that cut such "excentric" capter? I have heard of simple, simply, and simplify—yea, and simpleton, too—but we will, if you please, allow "simpler" to remain among the provincials of Lancashire.

I remain, Sir, your's, &c.,

Callington, Jan. 12.

ON DIALLING—BUDGE r. CORNISH MINER.

ON DIALLING-BUDGE & CORNISH MINER,

TO THE EDITOR OF THE MINING JOURNAL.

Sin,—So, then, we have another invisible opponent concealed under the fictitious name of "A Cornish Miner, who halls from Breage. Why do not these men show themselves? The reason is obvious. They dread the diagrace that would fall on them when the fallacy of their aryuments should be considered. ld be exposed.

Your anonymous correspondent fills up nearly one half of his long letter with the strangest proordment I ever beheld. It appears his design is to have it to be believed that what has been written against the old dialling practice has need. One of the abound paragraphs of this pedant reads pressions he has used. One of the abound paragraphs of this pedant reads thus:—"I do not mean to say that where the Misposition is inherent there Divine Providence supplies the vehicle of its development; but will it not be generally found that the eloquence of animadversion vastly outstrips the most perfect displays of panegrie!" Should not any man be sahaseed to lay such consummate nonsense as this before the public? This learned miner seems to pride bioself as much on his modesty as a certain cotsemporary of his did on his humility; but I remember hearing Charles. Matthews sky..." When these modest fellows once break the humaner. dialling practice has originated in envy and rancour, for such are the ex

seems to be somewhat borne out by the sequel, where he positively states that, "within his own observation," the dialling practice which I contend against "proves false in about ten cases in a hundred !! Was there ever such advocacy as this heard before? Why, Sir, our Breage correspondent beats the Lancashire coal miner all to pieces. But now my countryman lets his true character shine out conspicuously through the spacious garb of sanctity with which he has so ineffectually endeavoured to disguise himself, by most illiberally attempting to depreciate the merits of the elementary, technical, and appropriate nork I published on mine surveying, &c., some fifteen vars ago; but the testimonials of the extensive utility of that little publication are far too numerous and respectable to allow of its well-established reputation being affected by the groundless aspersions of this concealed calumnistor.

I must shorten this letter, from the consideration or hope that the communication already in your hands will appear, with this, in the next Journal; and, as soon as you can allow space in your columns, I will farnish soome cases in point, and demonstrations, to evidence the impropriety and folly of continuing the old method of dialling.

I remain, Sir, your's, &c.,

Cullington, Jan. 18.

[We can only say that, with the best opinion of our correspondent, and

[We can only say that, with the best opinion of our correspondent, and looking forward to his further communications as confirmatory of the correctness of the position he advances, we have, at the same time, good reason to suppose that "A Cornish Miner" will not budge.]

MINERS' SMELTING COMPANY-COTTON AND COPPER.

Sin,—You did me the favour of inserting in your last Journal my letter of the 5th inst., your observations on which are another proof of the case with which we deceive ourselves, when we suppose others are practising deception. Why should you have suspected me of being either a man of copper or a conjurer, when you had written evidence before you that I dealt in "fustion?"

that I dealt in "fusting."

The immediate object of my again troubling you, is to correct an error of your printer, who ought to have known that it was the "unheard of cruelty," as he has put it. But, as I have pen in hand, I may add, that your correspondent, "A Miner," shows you pretty plainly that, however little you, or Mr. Byers, "or any other gentleman," expect ore to be bought according to the produce obtained by tests in the laboratory, he, at least, expects to sell it by such produce; and it is the tendency to raise such expectations, that I blame in Mr. Byers's mode of communicating the result of his experiments.

Being "An Observer," I could not but notice in the same publication an admirable letter from your correspondent, "Fair Play," exposing the absurdities of "I knowstor;" and, if such plain unvarnished statements do not open the eyes of the Cornish miners to the true state of the matter at issue, I shall no longer consider them the clever fellows I have often heard they are. If this notable mining, smelting, manufacturing, merchanting, scheme progress, I shall recommend some of my neighbours, who have found the profits of cotton spinning so overwhelming as to induce them to close their mills (I am told some of the melters have closed their myles for the same cause), to connect themselves with a few cotton growers on the banks of the Mississippi, who, bothered with the old and "complicated" plan of selling their cotton, and getting paid for it in sixty days, would jump at the simple plan of employing my neighbours to apin, bleach, weave, and print it, especially when to this might be added the prive lege and comport of heaving about the produce in the markets of London, Liverpool, Birmingham, and Hull, there to he sold to parties who would frequently save them the trouble and complication of receiving the money. But if this was not simple enough, it might (nay, it must) he still further simplified, by my neighbours sending such portion of the produce of their mills, as would not sell in Britain,

Manchester, Jan. 16. I remain, Sir, your's, Ac.,
AN OBSERVER.

TRESAVEAN MINE-MR. CURRY'S AGENCY.

Manchester, Jan. 16.

TRESAVEAN MINE—MR. CURRY'S AGENCY.

To the Entron of the Ministo Journal.

Sin,—Having paid some attention to the correspondence concerning the salary paid to Mr. Curry for his duties as agent to the Tressvean and Trethelian Mines, although not entirely agreeing with the parties as to the uselessness of an office in London, as well for those as other mines, yet I cannot but consider that the present rates paid for the agency is far too high for the business performed. In one of the letters it is stated that a respectable party would engage to do the business grain, but I do not like persons to be employed without a fair remuneration, as I believe it is but too often the case that business done in this way is neglected. As to another point urged, that the persons may send the accounts and remit the money—theoretically, it is excellent, but I am sorry to state that, to my cost, I have not found the latter quite so regular in practice as it ought to be—a fault, I must say, which I never have had to find in Mr. Curry. Now, Sir, I would propose a system which I think might be adopted, as well to those as to other mines, no matter where. Suppose the shareholders were to select an agent, paying bine ip per cent. For all profits divided by the mines to which he seight be manned—one person—eight undertake the agencies of twenty or more mines; nor do I see that it would be incompatible with such employment to transact other business, provided he would give the required attention to his agencies.

I remain, Sir, your's, Ac.,

Jan. 21.

[We offer no further observations on the subject at issue. As regards gratultous services, the proposition is so absend that it cannot for a moment be entertained. The perspectition of our convexpondent, in paying per cent. on profits, "theoretically it is excellent," but mines require equal aftention, where no profits are made, under which circumstances the advise and management of the agent would be unpaid. We feel there is a difficulty in obtaining any one person wh

UNITED MEXICAN MINING ASSOCIATION.

TO THE RESTOR OF THE MEDING JOURNAL.

NER,—Presuming upon your kind attention on a former occasion, I write to request the favour of your attendance at the general meeting of proprietors on the 27th inst., and that you will publish a particular account of the proceedings upon the occasion, for the information of the count of the precedings upon the occasion, for the information of the public. It does appear to use to be most extraordinary, that after the doclared intention of the directory at the last general meeting, to divide the ensuing remittances, together with the cash balance then in hand, amongst the holders of the red scrip shares, without further authority, and the well-known fact of the subsequent receipt of large sums from the mines, there should have been no payment advertised for the benefit of this description of the proprietary. It will be no sufficient answer, to say that the money thus withheld has been placed at interest for general advantage, because the red scrip shares have borne no interest whatever. say that the enoney thus withheld has been placed at interest for general advantage, because the red serip shares have borne no interest whatever, since they were issued, and, therefore, in common homesty, the money should have been given to those shareholders upon its arrival, " to fructify in their own packets," or, should it be now tardily determined upon to be them have their due, the interest should be added for the bygonatione. I shall be very glad to find that the directors have given a satisfactory explanation upon this subject, and beg, most thankfully and freely, to add, that the general management of the concerns of this great company has been as homosyshie, and as creditable to themselves, as is has been greatifying to the promotions.

company has been as honourable, and has been guratifying to the proprietors. I remain, Sir, your's, &c., An OLD MURICAN Jan. 21. estail take care to attend the meeting, and report the pro-

SAFETY LAMP—EXPLOSIONS IN COLLIERIES.

TO THE REPTOR OF THE MINING JOURNAL.

Siz.,—I observe a notice in the Mining Journal of last week of an improvement in the Davy Safety Lamp. Allow me to communicate, through the medium of your columns, a plan for giving increased light from the Davy lamp, which, although it might be dangerous for the common me of workmen, from its liability to accidents from breakage, might be found useful to viewers and overmen in making their surveys. It is to have a double glass cylinder to surround the light, having a space of about a quarter of an inch to be filled with water. The glass cylinder to be fitted at top and bottom into brass rims, covered with wire gauze, thus to form a glass case for the light, having a current of air entering through wire gauze at bottom, and passing off at top also through wire gauze. An aperture to be left in the brass rim at top into the space between the outer and inner glass cylinders, through which the water is to be introduced, and through which the vapour from the water, when it becomes heated, may easape. The bottom rim to consist of a screw, by which the lamp may be introduced and removed. By this contrivance a strong light would be obtained—the glass protected from too great a heat—and a partial sefeguard against accident, as the outer cylinder might be broken while the inner one was preserved. Trusting some of your intelligent and practical readers may turn these hints to good arcount,

I am, Sir, your obedient servant,

Golkeurst.

FREE MINERS' SMELTING ESTABLISHMENT.

TO THE SDITOR OF THE MINING JOURNAL.

I am really at a loss to discover the source of satisfaction ex Sin,—I am really at a loss to discover the source of satisfaction expressed in your paper of the 2d inst., at the acquisition, by the "Miners' Smelting Company," of the charter granted in 1691 to the "Governor and Company of Copper Miners in England," because, if the only object of the new company be to smelt copper for the miners, they want no charter. Why, therefore, begin by burthening the new establishment with a premium of 23,006L, for what is not only unnecessary, but absolutely useless. useless.

ostensible reason for forming the company is to protect the miner by destroying what is said to be a monopoly, in the hands of some half dozen influential copper smelters, who, it is supposed, buy the ores at their own prices, to the prejudice of the producers. Grant this to be the fact for a moment—still, no one at all sequainted with the business will deny, that, to a certain extent, there must be competition, because we see constantly that A will give more—by 20s, per ton, sometimes—for a parcel of ores than B. Now, what is the system to be pursued by for a parcel of ores than B. Now, what is the system to be pursued by the new company? They are to receive the ores, to advance money on them, and pay the producers the balance, less a certain commission, when the copper is sold. All this sounds very well, but, in the working of the system, a very wide door is to be opened for profit to the company, and loss to the miners. When the ores are delivered, and the advances made, there is to be something like an assay. This assay will be fixed arbitrarily, and taken always at the siminsum, so that the producer is at once to be deprived of all benefit arising from competition, and be given over to a much worse species of monopoly than he could possibly have to submit to under the present method of disposing of his ores, with the additional disadvantage of paying for it. But, were this even not the case, still, where is the necessity of a charter, at a cost of 23,000%? The English Copper Company has been remodelled within the last two vears—every attempt made to attract capital to it—but failed. The charter cost the company nothing, and, notwithstanding all, the dividends have not been Copper Company has been remodelled within the last two sears—every attempt made to attract capital to it—but failed. The charter coat the company nothing, and, notwithstanding all, the dividends have not been very large, nor has the property much improved. The shares were at a heavy discount, till the new Miners' Smetting Company discover that the charter is a very valuable document, and they then rise to a handsome

premium.

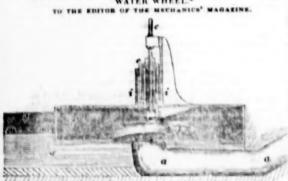
Let those highly respectable parties who are going to become covernor, deputy-governor, and council of administration, took well before they put down the immense sums of money which will be required, and take care that it be not applied to purposes quite foreign to the professed object in view. Let them see that their capital is not to be invested in unprofitable view. chemical works, tin works, tin-plate works, and charters, for which not chemical works, the burners in the process of the control of the second ital will lose it—and the only parties benefitted, those who find pur sers for their hitherto unsaleable brickwall, machinery, and parehment I am, Sir, your obedient servant,

AN INNOVATOR, AND NO HUMBUG. Landon, Jan. 11.

An Innovator, and no firsterior.

[Our correspondent must be aware of the importance of a "Charter," which limits responsibility. The away is not proposed to be fixed arbitrarily, as the produce of the one, but which, we presume, will at all those be fixed to the salisfaction of the miner, who is, in fact, by the constitution of the company, his seem asseyer, smelfer, and merchand. The accounts are open to him; there is 'in a bunding,' although there is innovation, and our conviction is, that, in the acquisition of the "Charter," the Miners' Company have placed them selves in a desirable position, whatever may be the cost, inaxinich that capitalists naturally would withhold their sid, where more than individual reaibility is incurred.

IMPROVEMENT IN MESSES, WHITELAW AND STIRRAT'S WATER WHEEL.*



Sin. —The accentepanying drawing above a plan, which, with the assistance of Mr. George Whitelaw, I have invested for keeping the new patent water-mill out of tail water. a s is the main pipe, b h are the arms of the machine, and e is the top of its shall. The arms work inside of an air vessel ff, which is fixed down to a building, and is covered on the top, but has no buttons. The shaft passes fively through a bollow cylinder, fixed above an opening in the top of ff, and there is another bollow cylinder i, fixed also has the top of ff, and so large in diameter inside as to have room for a third cylindrical part e, which is fixed upon the upright shaft to revolve easily in the space left between the other two cylinders. The top of ff firens a bottom to the space which is between the way. drival parts first named, and e is fixed upon the shaft in such a men that the pointing will be air tight. An inspection of the drawing will make the arrangement, Ac., of the cylindrical parts intelligible; g is one side of the tail race; s is the opening through which the water escapes from f f the tail race

Suppose, now, the space into which the cylinder e-works sufficiently filled with water to form an hydraulic joint of the kind very commonly used in gas works; then, if the machine is not in motion, the air, which will in some instance be disengaged from the water, will remain in the vessel ff and person does the surface of the water in it he the level a w. or one lower. In this way the areas of the neachine, lithough on a level be w that of the purface on me, of the water in the tail-race, will work clear of the tail water

may be found secretary to use a small pump to force air into ff in erder to hower the surface of the water. It's counting a quantity of water from the scale pipe into the sir resert through an arrangement of piper as miles to the water blowing machine, air will be carried into ff. The mane within which the cylinder c works may be supplied with water by a all pipe leading from a a

are tail, composed of two round plates, the one forming the top the other the bottom of the passages for the water, wit a plates on

rly bent, running between them from the centre outwards, so as to make the space between the round plates all follo arms, will work very well in tall-water. If a ring, projecting downwards, is fixed to the under plates then the bottom of the unschine will-rub on a film of air, instead of or water, and thus the friction will be diminished. This plan may be used instead of the one herein described, in certain cases.

I am, Sir, your obedient servant, JAMES WRITELAW.

Glasgow ON ASSAYING COPPER BY ELECTRO-CHEMICAL ACTION.

TO THE EDITOR OF THE MINING JOURNAL.

SIR,—I have no wish to detract from any credit Mr. Byers or Mr. Martyn J. Roberts may be thought to deserve regarding the analysis of ores by galvanism, but I beg permission to state, that no claim to originality can be sustained by either of them, the subject having been amply discussed throughout the five volumes of M. Bequerel's Traité de l'Electricifé ét du Magnetisme, and especially in the fourteenth chapter of the third volume, which was published in the year 1835. I regret that those gentlemen, if acquainted with this work, have not thought fit to acknowledge the obligation, and to name the originator of the proposition.

ledge the obligation, and to name the originator of the propo I am, Sir, your faithful humble servant,

ON BORING AND BLASTING.

ON BORING AND DAMAGE OF THE MINING JOURNAL.

Str.,—Your Plymouth correspondent, so far from descending to unworthy personalities, has treated me with that respect which is due from the stream to another.

I trust he will one man to another, * * I trust he will not deem me disrespectful if I opine that he has mistaken a side view of not deem me disrespectful if I opine that he has mistaken a side view of my worthless conception for the peg of a top, which he styles "a sharp-pointed bit." It is mortifying to one's pride to "conceive three times and bring forth nothing." A mental cripple, however, is, perhaps, preferable to a barren brain—men, like mothers, love their lame, and, when they sit as judges on their own cases, generally decide, or rather pronounce, judgment in their own favour. New lights set "practical" men a blinking in this dull mine of darkness, dread where we poor pil-garlicks are deluded by keenly gossans. Your correspondent's remarks seem very good, and I am obliged for the trouble he has taken to "challenge" his dull scholar, but we will not torsnent him with the idea that he has "knocked three times, and found nobody at home." Is the changing of borers such as Herculean effort? It may be to those who have used but one sort, and that "the best."

It is painful to soone men to be made the "focus of so many eyes."

me men to be made the "focus of so many eyes. How modest and retiring are anonymous scribes, who too often spot with other mens' names, whilst they concest their own. I may be par doned, as " ignorance is always presumptuous." It is well that the "great unknown" is not, like myself, anything but " a practical miner Alms! Alas!

—Alas! Alas!

"One science only will one human genies fit,
Bu vast is art, so narrow human wit."

We men of grass may, however, sometimes take a peep a-down the
darkest deeps without pretending to "see further into a milistone than
the man that picks it." To suggest an improvement in another man's
business seems like interfering between man and wife. But in a world

"Who shall decide when doctors disagree?"

The single eye of a pure intention would look a "practical mine the face, if he had his visor up.

"O wad some friend the giftle gie us,
To see oursels as ithers see us."

If my mere theories but draw out our practical master spirits, or 'n buckersm suits." to beam light midst "darkness visible" upo

If my mere theories but draw out our practical master spirits, or "men in buckersm suits," to beam light midst "darkness visible" upon the glancing eye of mind, our speculations will not be altogether inutile. Of too many it may still be said that—

"Suiten, like tamps in sepulchres, their shine Enlightens but themselves."

"He who never doubted, never believed "that we are not at the asme of perfection, though the tools generally used may be "the best "—that is to say, the best yet discovered or generally known. But your columns are too valuable to be occupied with gladiatorial controversy, even after "a challenge!" My invention may still be useful for large holes, and the corners of the borers be an inch or more apart, whilst attached to a short solid cylinder of the circumference of the hole as a guide, the bar to be only large enough to bear the hammering. The central part of the stone within the cylindrical hole, or ring, to be broken with a wedge-pointed bur, as I shall show in my next, having determined to freely communicate whatever occurs to a thoughtful spirit. "How great effects from trivial causes apring," when, but for a hole, the mineral deposits of ages were unseen by man, unless they were upheaved by the disembowelling throes of "the great globe itself."

I remain, Sir, your's, &c.,

I remain, Sir, your's, &c.,
A. T. J. MARTIN.

ACCIDENTS IN MINES.

TO THE EDITOR OF THE MINING JOURNAL. Sin, — Being a constant reader of your rainable paper, I have taken some interest in the various articles appearing in it upon a subject of great importance—viz., the accidents which too frequently occur in ascending and descending the shafts of mines. Your suggestion of the use of sire rose is unquestionably good, but, as it has occurred to me that of wire rope is unquestionably good, but, as it has occurred to me that many accidents take place from other causes than besides the breaking of the rope, I take the liberty of communicating some learners into so of my own on the subject. I am not a practical man, there may, therefore, be some insurmountable practical difficulty in adopting the plan I propose, although I enght not to say I propose a plan, but merely offer a suggestion. After being upon the Preumatic Railway, near Shepherd's Bush, during that autumn, it seemed to me that the principle might be applied to raising people and materials up the shafts of mines by having a platform connected with futr tubes, one at each of the four opposite sides of the shaft, to be raised by exhausting the air from the tubes, and lowered by a regulated admission of air into the tubes, the platform descending by its own gravity. To prevent the platform interfering with the ventilaby a regulated admission of air into the tubes, the platform descending by its own gravity. To prevent the platform interfering with the ventilation, it could be made of open iron grating. I remember hearing of an accident near this place, when some half a dozen of men and boys were killed by being run up over one of the pulleys at the top of the shaft of a colliery; and I know that accidents have frequently happened in the north of England by the ascending and descending covers coming in contact, and that boys being drown have stumbled back down the shaft after coming up. If the plan I propose could be put into practice, it would prove a

that boys users.

pp. If the plan I propose could be put most and propose could be put most most all such cosmolties.

I remain, Sir, your obedient servant.

A

SUBTERRANEOUS SURVEYING AND MAGNETIC VARIATION

Sia, -Subtercancous surveying is, as you, doubtless, are well aware universally performed with the circumferentor. It appears extraordinary in these days of the general diffusion of useful knowledge, that such a vast amount of human life, and of valuable property, should be left dependent on so imperfect an instrument. I hope you and I may both live to see the theodolite substituted for the circumferentor, because it is not face of the earth, will exercise the care and caution necessary to insure

on an approximation to accuracy with the circumferenter, Mr. Fenwick, Colliery Viewer and Soveryor of Mines, in his clab Trectise on Schierencous Surveying, and the Magnetic Variation of the Needle, gives the variation at London, and not at Newcaste, where his gives the variation at Loudon, and not at Newcastle, where his published, from which it may be fairly inferred that the varia-WALL WAS tion at Newcastle was not known. It may, therefore, safely be assumed, that the generality, at all events, of mining surveyors, do not duly test their needles. They ought to be tested once, at least, in every year. It is not unusual to lay down a line on a plan, and call it a " True North but this, at best, is a line lab! down to the angle of the recorded tion of the day, which purports to be the ascertained variation at London, and not, as it ought to be, the variation, at the time and place,

the identical specific with which the survey has been made.

Now the workings of coal mines, perticularly, are, in general, speciver extensive areas, and continue in operation for many years, during which time not only will different surveyors, and different n rged, but the variation will undergo material changes. 1376 the variation at London was 11 deg. 15 min. cast ; in 1662 it coin ushed with the true meridian; in 1700 it was 9 deg. 40 min. west; in 1804 it was 24 deg. 06 min. west; and in 1815 it was 24 deg. 18 min.; d with the true ince which time no material change has occurred; nevertheless, it will

be perceived that, in less than forty years, in one instance—viz., from 1662 to 1700, the variation varied from itself 9 deg. 40 min. ; and this may reasonably be expected to occur again; for, although within the last forty years very little change of variation has taken place, yet the laws by which it is preserved are alterather paleons to me.

which it is governed are altogether unknown to us.

A very short time since a man was sufficested in a coal-pit, owing to the pitmen in an adjoining mine having purposely kindled fires, so that the draught carried the smoke into the mine in which the sufferers (for the draught carried the smoke into the mine in which the sufferers (for there were several) were at work. Here, then, was a disputed boundary question, which had, no doubt, arisen in consequence of the inaccuracy of the surveys. The surface survey having, most probably, been made at one time, and under one degree of variation of the compass; and the subterraneous survey made at other times, of course, as the workings progressed. Such disputes must constantly occur, and be productive of veratious and expensive lawsuits, as well as the loss of life.

I would take the liberty, therefore, of suggesting that, as long rathe circumferenter is continued to be used, the utmost our should be taken to keep it in good working order; and, as the ascertaining of the mass.

circumferentor is continued to be used, the utmost care should be taken to keep it in good working order; and, as the ascertaining of the magnetic variation requires more care, time, and trouble, than mining surveyors choose to bestow upon it, that the bearing of any other line may be taken, in fieu of it, laid down, and properly described on the plan. Thus let the bearing of the fise connecting two permanent objects, as two distant pit mouths, or the main pit mouth and the parish church spire, be selected, and het a large store a properly marked he can be in each tie. selected; and let a large stone, properly marked, he sunk in such line produced; over which stone let the circumferentor he set up, and the hearing of the line he carefully taken and recorded on the plan, as a true meridian line. Then, if some such precaution has not been already taken, a complete new survey of the whole of the main lines of levels should be made, and the magnetic bearing of the new invariable meridian, or test line, correctly laid down, with the amount of its variation, or dife, from the magnetic meridian, recorded in figures on a new work

ing plan.

When additions to the plan are required, the magnetic bearing of the test line should be observed, with the needle about to be used, and if such bearing does not coincide with that recorded on the plan, the bearings of the lines to be added, should be reduced to bearings from the fixed meridian, by the usual rules, and protracted accordingly.

If these precautions were observed, the annual variation of the magnetic meridian would vitiate the plan, however great the length of time during which the workings might be in progress. The surveyor would, however, still have to contend with diurnal variation, which sometimes amounts to twenty misutes in one day, with local attraction, the effects amounts to twenty minutes in one day, with local attraction, the effects of which are incalculable among tram-plates, waggons, tools, &c., and with, though last not least, the inherent imperfections of the instrument.

REVIEWS.

A Practical Treatise on the Law of Mines and Minerals. By WILLIAM BAINDRIDGE, Esq., Barrister-at-Law. Henry Butterworth. London. The title of this work at once is significant of its contents, and such as to induce the adventurer to be anxious to acquire—and, we may add, the inverte to advance a fee of attendance in its purchase, which may not only possess him of much useful and valuable information in his practice, but save many pounds in its acquisition. Mr. Bainbridge, in his introduction to the work under notice, very correctly observes—

"The continued and increasing ardour with which mining operations are carried on in this country, the magnitude of the capital embarked in them, and the general importance of the subject, have not failed to produce an abundant harvest of litigation, the costs of which, indeed, have in some late instances, almost rivalled the prolific subjects of dispute."

the profife subjects of dispute."

This is too true, and hence we hail with pleasure the appearance of a work calculated to disperse same of those clouds which, unfortunately, pervade not only the minds of adventurers but of professional men, whose knowledge on the subjects on which they are consulted too frequently is acquired only by practice, and that at the cost of their clients. Mr. Baubridge observes in his preface, to which we have made reference, that—

"It may taulty aggic aurariate this on local work should be a likely the control of the control

serves in his preface, to which we have made reference, that—
"It may justly excite surprise that no legal work should have hisherto appeared, which should protess to examine and discuss the important and interesting questions which have arisen on the subject of mines, and to reduce them to the form of a regular treative. It is the object, therefore, of the following pages to supply this desideratum. The sources from which this exposition has been drawn are sufficiently various and scattered. The subject, has, indeed, received so little at ention, that there coes not even exist a bare epitone of the law respecting it, in the general and elaborate books of legal reference. It has been the pleasing occupation of the author to collect and examine the requisite materiais for such a work. His searches have indeed sometimes resembled, both in their character and result, those connected with the occupations of which he designed to treat, and, like the miner, he has often been conspelled to traverse the labyrinths of darkness before emerging to the light of day."

Before proceeding to notice the confests of the work, which are highly

Before proceeding to notice the contents of the work, which are highly creditable to the talents and industry of the author, as furnishing information which could alone be acquired by an intimate connection with the mining districts, as well as a legal knowledge of the several points discussed, we cannot but make a further quotation from his introductory pages:—

need but make a further quotation from his introductory pages:—
"It is often a subject of much regret that the important speculations of mining iventurers should be conducted upon auch loose and unsatisfactory legal arrangeents as are too often found to exist. An adventure is often productive or no sucsaviar lessult, or so slow and gradual in the development of its wealth, that the
recault in softaw are very requently either postponed or wholly neglected. In
artnership transactions this is a common occurrence, and deeds of co. partnership,
see when completed, are often very deficient. The perusal of the following pages
ill ab indiantly prove the necessity for produce and foresight is all such arrangeents."

even when completed, are often very deficient. The perusal of the following pages will ab mightly prove the necessity for prudence and foresight in all such arrangements."

The first chapter treats on "the general nature of mines, quarries, and minerals," and is given in a terse and comprehensive manner, with authorities, which throughout the entire work forms its great value, as being the legal dicts, while the object of the author appears to have been, to reader the substance in the most condensed form—the chapter consisting of barely two pages of matter, might have been well consulted, and, doubtless, would have had its effect in a cause which has been twice heard in Ireland on Mr. Dillon Croker's property, whereon the Kenmare Mining Associationare prossecuting their works, and although some hunders toos of copper ores have been raised and sold at public ticketing, yet it has been found difficult to define what constitutes a mine.

We can excuse our Irish friends for blunders in the absence of printed evidence, for commel only bother each, other as the briefs bother them—bring called apon to discuss and argue on subjects which they do not understand, while the solicitors, with some few, and only a few, exceptions, are ignorant "quite entirely" of the case which they have drawn. Indeed, we fear that lawyers, if they possess any mining knowledge—and few there are who do—bave sufficient legal remove to determine the course they shall parsue; that is—in many instances, taking the course or instructions of their clients, on degending for costs on the ignorance of the custracting parties. Our experience has satisfied us that mining and minerals are not understoned by lawyers; it would be invitibus to name exceptions, which we feel might be made, both as regards solicitors, the barrister in chombers and cunnel at the bar; but, it must, at least, be adostive, that too generality a want of informati in prevails, and which is, in a great measure, met by the publication of the present work—one which must be popular, an

treats, we must, for this week, close our notice.

We have alrendy observed, that the general nature of mines, quarries, and minerals, form the first chapter, with reference to the several cases wherein opinions have been given, as illustrative of the opinions of the author.

The next chapter has reference to "the right of property in minerals," which is ably discussed, at considerable length; the two connections fidlinging chapters being "on Royal mines," and "on the right to work mines," the latter point is well considered, and the authorities quoted (which, indicaturately, almost requires a barriater's library for reference) are at least sufficient, if the number of witnesses he taken into consideration. We next arrive at the consideration of the modes, under various circumstances, of "the transfer of mines," which occupies some space, and may be consulted with transfer of mines," which occupies some space, and may be consulted with rive at the consideration of the modes, under various circumstances, of "the transfer of mines," which occupies some space, and may be consulted with advantage. The question of license, or likerly to work mines, as consupered with a lease, and the application of "the statute of frauds," are well worthy the attention of the notwenturer, as, indeed, is the whole of this portion of the work. Proceeding further, we find the subject of leases and increases very fully entered into, from which we purpose, us as early obviousless, making some extracts. The right to grant leaves also accupies some squee, but as this is purely a legal matter, we refer it to the consideration of guatherms leatest in the law, and from which Mr. Balabridge, with a kind device—vir hardly with a natural feeling, as bring "one of the time"—would neem te-sievas of protecting the question of partnerships in soirce—and elithous effects any observation on the regulate and opinions put forward, founded, as on ng any observation on the remarks and noise come under the notice of the nather, we do most exceedly request all those

* Her Maning Married and Developing had

emberked in mining undertakings, to consult this portion of the work, which, in fact, forms a considerable feature, as, in like manner, it occupies apace, in the volume. The serious questions which have been instituted in our counts of law and equity—the many (to u.) absurd or extravagant decrees arrived at, from sheer ignorance of the subject submitted to judge, counsel, and jury—reader it highly important to acquire a knowledge of those cases which have come under notice of our courts, while, to the adventurers, it is desirable to remove doubts and apprehensions where such exist, as we know to be the case with many capitalists—and, at the same time, to give tone and confidence to partice sembarking in mining enterprise. We must hastily pass over the other matters treated upon in the wors, intending, as we do, not only to peruse it carefully, with the view of reviewing it in a manner which it merits, but also to acquire, and store away, that information which is to be gathered; we therefore may briefly state, that all matters which may be fairly comprehended under the title of the volume, will be found included in its contents, while the number of cases cited, and to which immediate reference is made, consist of upwards of between 800 and 900, which, in consulting alone, must be alone a work of immense labour.

The Reiberts of Genet Bettein and Ireland, practically described and illus-

nd this he last aws by

ring to to that rr (for undary

made ive of

ra the

taken

may

line a true ready levels

dif-

f the gs of neri-

gnedu-puld, imes fects

is to

the vest

of a

red, n of this offi-ion,

ily

and 900, which, in consulting alone, must be alone a work of immense labour.

The Raihezys of Great Britain and Ireland, practically described and illustrated. By Francis Whishinaw, Civil Engineer. 500 pages, with Appendix and plates. Weale, Holborn.

This work, which is most unique and perfect in the comprehensive view it affords, is not only valuable to the railway capitalist, to whom it is properly dedicated, but to the railway engineer, and to all interested, whether direct or otherwise, with the subject on which it treats. Mr. Whishaw has, in this work, afforded evidence of application and practical knowledge, which will be admitted, we believe, by all those who labour in the field in which the exercise of his talents are employed, while with the many lines of railways, directors, and engineers, which are fairly and freely canvassed in his pages, be appears to us to have been most happy, affording detailed information, and avoiding any observation which might be construed as of a personal nature, or as detracting from the merits of the uncertaking. The work is, perhaps, best described in the author's own words in the introduction, and, therefore, we adopt them, fally agreeing with him that—

"Time, to those biessed with the advantages of railways, is, at it were, of thrice its former value; while money, considered relatively, is already increased in a two-fold ratio, and the day is not far distant when the means of railway travelling—looking to the increasing facilities and improvements which are constantly taking place—will be yet much more within the reach of the humblest classes of the people."

The advantages to be derived from the establishment of railway communicables.

The advantages to be derived from the establishment of railway communication, we feel, with the author, have not yet been fully developed, nor are they, perhaps, appreciated—to the merchant and man of business is afforded the means of saving time and money, while business is facilitated, and thus, throughout all our various stations in life, a saving effected—to the mechanic, and even the labourer, the advantages are also derived of ready transit to distant points where his services are required, with an advance upon his former carnings, or, perhaps, employment, where before he was idle—thus equalising, in a great degree, the value of labour.

We may here quote from the work under review the following paragraph treating on the Arbroath and Forfar Railway, and we need hardly observe, that our friends in the north have a pretty shrewd guess as to the side on which economy lies—

which economy lies:—
"We were much surprised, when examining this line in Septemer last, to see a party of reapers trave ling by the third-class railway carriages in preference to walking to their work, and we found on legality that this was by no means an isolated case, but of every day occurrence. In fact with the low fares adopted on this line, it is more economical for the poor man to ride than to walk."

1 Having referred to this line, it may not be amiss further to note Mr. Whishaw's further observations with reference thereto—

"Among the railways of Scotland already opened to the public, not one seems to have produced such extraordinary results as the short line between Arbroath and Fortar. It is a fact worth recording, that the passenger traffic between these two places, antecedent to the opening of this railway, was of insignificant in amount as not to be sufficient for the support of a single public conveyance. The case is now very different, not lewer that four trains pass daily in each direction between the terminal stations. This statement, however, would not of itself be sufficient to show the self-realizeness of railway traffic, as exhibited so strikingly in this line, without also adding the number of passengers conveyed in a given time. Nearly 50° passengers, on an average, trave-led daily on this line for ten weeks ending the 10th August, 1787, which is at the rate of about 150,00° per annum, accusive of Sundays, on which days it is well known that public conveyances of every description, save only the mails, are strictly prohibited from travelling throughout 8c t-land. In the ten weeks above alimeted to, not less than 127 tons of merchandles were, on an average, convex ed on this line fails, being at the rate of nearly short time."

These remarks alone, we feel, will be esteemed as sufficient evidence of the

tons per annum, and this at a perion when the railway had been opened but a very short time."

These remarks alone, we feel, will be esteemed as sufficient evidence of the advantages of railway communication, and must have their effect with government as well as with capitalists in the construction of railroads—hereto-fore so shamefully neglected in the Sister Tele. Mr. Whishaw observes at some length on the government toll or poll tra, which must be admitted as not only imperfect in conception, but unjust in its application. It will be seen that one eighth of a penny per mile on each passenger is chargeable on the rail-ay by government, without reference to such passengers by first, second, or third class, and thus the lower the fares on the part of the company, the greater per centage do they pay the government; and hence, as is very fairly observed, and with good reasoning, if a railway be constructed at one-half the cost, and the fares, we will assume, be in the like ratio on any one railway, the duty paid to government is 100 per cent. more than those lines where extra cost demanding higher fares precludes the public from deriving to the full extent those benefits which are to be calculated upon, and will eventually be afforded by railways. We will allow the author here to speak for himself—

"As an aptiliustration, we may suppose the first-class passenger traffic on a

the control life cost, and the fact, we will around, but in the fact the next billion where class or in decading higher the professors. He place that the cost of the cost of

One of the most important subjects treated on in the volume before us (which we are given to understand will be followed by "Railway Statistics," with illustrations), but to which we have not hitherto directed attention, is the "seciprocating system" of railway communication, which combines in its application economy and security, is treated on at considerable length, and its advantages demonstrated; this, however, with other subjects deserving of notice, must necessarily form subject for a second notice, contenting ourselves, on the present occasion, with the expression of our cordinal approbation of the work—the care observable in its production, and the style in which it has been got up, being most highly creditable to the author, the delianator, the engraver, and the publisher. It is seldom, indeed, that a work, illustrated as the present, comes under notice, while it is gratifying to finithat our continental neighbours can no longer boast of superiority as regards works of this kind, and which, to the discredit of this country, so long was the case. We propose returning to the subjects treated on, more especially the "reciprocating system," in our next, and hence close our present notice thus abropt.

RAILWAY CONFERENCE.

RAILWAY CONPERENCE.

On Tuesday last a general meeting of ra lway directors and managers was held by appointment at the large room in the Queen's Hotel, Birmingham, at which were present delegates from the following companies viz., Birmingham and Derby, Birmingham and Gloucester, Cheater and Birkenhead, Eastern Counties, Great Western, Hull and Sciby, Lancaster and Preston, Liverpool and Manchester, London and Brighton, London and Greenwich, London and Birmingham, London and Brighton, London and Scotth Western, Manchester, Bolton, and Bury, Manchester and Leeds, Midiand Counties, North Midland, North Union, York and North Midland. George Carr Glyn, Esq. (the chairman of the London and Birmingham Railway Company), was called to the chair; and probably no meeting was ever held where the members represented a larger amount of property. The parties present were the representatives of considerably above 50,000,000?. of capital. The utmost cordiality was manifested, and the strongest desire expressed by all present to adopt every possible means of accomplishing the proposed object. Those who were most conversant with the management of railways stated their conviction that by far the greater part of the accidents which had occurred were referable to the neglect and disobedience of orders on the part of railways servants; and while some few casualties must be expected to occur in any mode of locomotion by such immense numbers of persons as are conveyed on railways, it must be to an improved state of discipline and moral responsibility on the part of the men employed on railways that the exemption from accidents must be looked for. In these sentiments every person who delivered his opinion concurred. The deliberations of the meeting broke up, with the understanding that a future conference should be converted whenever it appeared desirable.

Resolved, I. That in consequence of the public anxiety, occasioned by the accidents which have taken place on various reflexy, and communication, evenfut, and practicable respective

into consisteration the causes and circumstances of such accidents, and the means that may be desirable of more effectually guarding against their occurrence for the future.

2. That this meeting acknowledges the grave responsibility which attaches to railway directors, and the obligation under which they he to adopt all judicious and practicable expedients for insuring the general accommodation, comfort, and a fety of the passeogers intrusted to their charge; that, under a strong impression of this responsibility, they have assembled on this occasion, and have pursued their deliberations at the present conference.

3. That this meeting, while it deeply regrets the accidents which have occurred, locks forward with confidence to the beneficial resu to dimensiting vigilance and habitual caution steadile enforced and established, as the great means of increased safety to railway conveyance; and accordingly they would deprecate any sudden or hasty legislation on the subject, being convinced that the means referred to, alided by such improved arrangement and mechanical adaptations as a more matured experience may suggest, will simply accomplish the cell result of experience, as well as of policemen and other servants, in the correct performance of whose duties the public safety is involved, are as essential to the security of railway travelling that this meeting recommends to all railway companie, the strictest dramination into these points, and that it should be a raile more generally adopted amongst different managements, not be employ servants having worked on other lines, without authentic and satisfactory to timorisis from their former employers.

5. That in case of serious register of duty on the part of railway servants, it is desirable more frequently to put in force the peans provisions of Lord seymour's Act, in order that the strictest discipline may be maintained. At the same time this meeting coinsiders it does to may whom a provisions of Lord seymour's Act, in order that the directors at this nucleing m

evidence, that deceased and several other men had been at work in a tunnel, forming on this line of railway, near Clayton, when a massive piece of rock suddenly felt in, earrying with it a quantity of earth, timber, and a portion of the brick work, burying or wounding most of them. As soon as the need-dent was made known to Mr. Jeckson (the superintendent of the works), he collected in number of the workmen for the purpose of diaging out the unfactuante sufferers, but, in emisequence of the apparent danger from the tottering condition of the rock and brick work, they were deterred from making any attempt to extricate them until Mr. Jackson set them the example, and in a short time the deceased and three others were get out. The deceased, however, was quite dead, and the others were so seriously injured that they were inmediately conveyed to the Sussex County Hospital, where they lie without hope of recovery.

MINING NOTICES.

MINING NOTICES.

[Under this head we purpose collecting such paragraphs as may appear in the provincial and other Journals, baving reference to discoveries and improvements in mining operations at home and abroad. It is heally necessary to observe, that we must not be considered to admit the correctness of the information conveyed, which, in too many instances, requires cautious investigation—the sanguine varges in the correctness of the information conveyed, which, in too many instances, requires cautious investigation—the sanguine varges in a continuous properties in some instances, and the want of horesty in others, throwing a degree of responsibility on a Journal in giving publicity to reports, which we do not intend taking apon ourselves.]

The Beam Minns.—We understand that this mine, in the parishes of St. Austell and Roche, is to be set to work immediately, by Matthew Moyle, Eq., of Chacewater, and some gentlessen of St. Austell and neighbourhood. A numerous and respectable meeting of the adventurers was held at the Queen's Head Ion, St. Austell, on Tuesday last, when it was unanimously agreed to creet an engine on that part of the sett called Good Fortune, on King's-hill, near Heanshorrow. It is well known, adds our correspondent, that Beam tin is some of the best in the county, and that upwards of 430,000l, worth of it was sold by the late proprietors, Messers, Rashleigh, Williams, and Co. Considering the depressed state of business in the neighbourhood, it is a very desirable object to see all classes resp the benefit of a productive mine.—West Brilow.

Coal Mines in Spain.—We find by the Spanish journals, that the rich

mine.—West Brilon.

Coal Mines in Spain.—We find by the Spanish journals, that the rich coal mines at Sama, in the Asturias, are beginning to be worked on a large scale; and that the railway from them to the small port of Gipon affords the produce a ready cutrance into the Bay of Biscay. Several shafts have been opened, and traverse eleven bels of coal, said to be equal in quality to the best Newcastle, and of an inexhamstible abundance. The railroad runs through a mountainous country, but the inclination of its planes does not exceed 5 in 100. These mines will form the groundwork of a brisk trade with Bayonne, Bordeaux, and the whole of the basin of the Garonne, where hitherto all the coal used has been drawn from England or Belgium.—Galignand's Messenger.

Valuable Coal Mines in Inna.—The Openior Coal

hitherto all the coal used has been drawn from England or Dergrum.—Outsant's Messenger.

VALUABLE COAL MINES IN INDIA.—The Overland Courier, last received from Bosobay, sava:—'' We understand from a good source that, at
Ullimané, a place in the Portuguese settlement of Mézambique, a short distance to the south of that town, a discovery has been made of some valuable
coal mines. This discovery is of great interest, not only to the Portuguese,
but to the British inhabitants of India, as it will tend to insure a supply of
that necessary article, in many of the contingencies of war, not only to
steam-boats of the Indian Ocean, but also at Aden and in various parts of
the Red Sea. The quality of the newly-discovered coal is said to be excellent. Specimens have, as we hear, already arrived in Bombay."—Morang
Heruid.—(Shouid the coal turn out well, and the mines easily accessible,
with plenty of labour handy, this discovery may really, as said, be of the
greatest importance in extending steam navigation all over the circumjacent
coasts of the ocean as well as of the rivers.)

INPLANMANIA AIR FROM ALCOHOL.—Pelouze and Millon, by passing alcohol over anhydrous barytes, elevated to a dull red temperature, found that carbonate of barytes was formed, and carboretted hydrogen given off. This is the first instance in which this gas has been formed artificially; when formic acid is heated with an oxide it is decomposed into carbonic acid, which unites with the exide, and into pure hydrogen. In this case, the half of the hydrogen comes from the water which has been decomposed by the carbon of the formic soid under the influence of potash. This action it occurred to the chemists mentioned, might also extend to alcohol. They passed carburetted hydrogen procured from alcohol over hydrate of barytes, and obtained hydrogen in large quantities. Naphthaline disengaged the same product. The anhydrous exalates, when heated with barytes, afford, as is well known, carbonic exide. By substituting hydrate of barytes, hydrogen is procured; carbonic exide. By substituting hydrate of barytes, hydrogen is procured; carbonic exide, also, under the same circumstances, affords pure hydrogen; even charcoal itself does the same. Pelouza and Millon have drawn the following conclusions:—anhydrous barytes takes up from organic substances all the exponence acid which their elementary composition permits them to furnish; hydrate of barytes extends the decomposition further, and tends to burn all the carbon, while the hydrogen which proceeds from the decomposition of water is disengaged in a free state.

FROM THE LONDON GAZETTE,

Tuesday, January 19.

Turnday, January 19.

BANKRUPTCIES SUPERSEDED.

Joseph Taylor, Wednesbary, Staffordshire, Iron merchant.

John Cockhill, Almondbary, Yorkshire, Shepkaceger.

E. V. Shipman, Hackney, licensed victualier. [Dimmeck, Size-lane,

H. Joseph, Schon square, "rist colourman. (Sayer, Broad street, buildings,

W. Bowles and J. C. Bowles, Store-street, Bedford-square, updicisterers. (Kingston,

Coleshill street, Pimileo.

E. S. Beals, Marshait-street, Golden-square, packer. (Plaber, Queen st., Chespaide,

H. J. Reed, Marquin-court, O ury-lane, victualier. (Dimmeck, Size-lane,

A. Opponderin and W. M. Opponheim, Marsell street, Goudman's-fields, timber
merchants. (Michael, Red Lien square, Holborn.

Barah S. Loak, Holf. N. Arioli, milliner. (Mills, Browwick place, City-read,

E. R. Rouse, Worcester, stationer. [Clark and Cooper, Seasions house, Old Salley,

E. Morris, Glomester, coachmaker. (Wille, Browsick biblings, Grey's Inn.

H. Mardow, Cellan, Cardiganshire, cattle design. [Turner and Co., Basing-lane,

R. Riley, Wellescourter, Ware icashire, earn dealer. [Adding-ton, Gregory, Faulk
nor, and Follett, Redford row.

J. Bartow, Birmingham, brass founder. (Rowland and Co., Wife Llon court.

F. Buckle, Leeds, necerchant. (Wiglesworth and Co., Gray's Inn equare.

F. Ferks, Jon., Stourbeidge, Worcesterabire, hatter. (Chowes and Wedlake, King's
Bench. walk, Twonick.

E. Richardson, Sunderland, merchant. [Addington and Co., Bedford-row.

DIVIERSON.

Pab A. J. Komerk, Crown, murt. Old Brand street, allk merchant—16, W. Col.

J. Waddell, Birmingham, druggist. (Church, fledford row.

DIVIDENDE.

Peb. 9, A. J. Kopsch, Crown court, Old Broad street, silk merchant—10, W. Culbron, Mill street, Ha-over-spane, tailor—11, W. Nixon, Boston, Lincolnshire, ironnonger—2, W. Denman, Carmarvon, Ionkesper—9, W. Parrell, Konsington, Lancashire, catife asiesman—1; W. Wilkinson, Bolton-In-Moore, Lancashire, ironnonger—1; T. Mcose, Kirton-In-Lindsey, Lincolnshire, draper—C. Joinson, Giamford Briggs, Lincolnshire, inchesper—1; T. Nicholson, Kirton-In-Lindsey, Lincolnshire, services—1; J. Hiley, Caister, Lincolnshire, currier—1; J. Enoch, a arvick, bostonsker—1; d. & Knibb, Liverpool, tailor—1; W. Levett, son, and W. Levett, Jon, Kingston-upon Hold, merchants—1; J. Smith, Leeds, joiner—11, W. Trianes, South Lyon, Norfock, builder.

POSTSCRIPT.

POSISCRIPT.

It is proposed in future to render the last page of the Mining Jouanal a "Postacaser," embracing, amongst other information, the Sales of Copper and Tin
Gres, the latest Prices of Metals and Materials, the latest Prices of the English
and Poreign Funds, with the business of the week; as also all transactions in
Shares of Mining, Railway, Joint-Slock Bank Companies, and other are claims,
combining therewith a nonst feature in the columns of the Journal—that of a
weekly report from the principal forms of the Prices of Shares in the acceptal
to the control of the columns. califies. To avoid rendering ourselves responsible, and at the same time that our subscribers consulting the prices quoted may refer direct to the authority on which we furnish our weekly report, we purpose appearing to each of our Correspondents' letters the Name of the Firm, for the respectability of which, with respect to any ess with which they may be entrusted, we will readily couch ments are not yet perfected, but we hope, within a furtnight, to present to our renders a page unique in itself, as embracing all the labular matter and commer cial intelligence which they can require, by way of Postscript—thus bring enabled thereby to employ the pages hitherto pressed with matter of this nature, in render ing information of more varied and general in erest. It is right to observe, that no shares will be quoted without authority, and, under such circumstances, while If is not our donire to exclude any, we shall be glad to receive from the Secretaries f Companies, Brokers, Principals, and others interested, authentic prices of business done "-such shall always have our ready attention.

MEETINGS OF SCIENTIFIC BODIES.

| IN THE UNSUING WEEK. | | |
|--|------|-------|
| SOCIETY, PLACE OF MEETING, DAY, | - | BUR. |
| Royal Geographical 21, Regent-street Monday | . 19 | P.M. |
| Entomological 17, Old Bond-street Monday | | P. M. |
| British Architects 16, Grosvenor-street Monday | # | F. M. |
| stedical Bolt-court, Fleet street Monday | 16 | F. M. |
| Royal Medical and Chir. 53, Serners-street Tuesday | Mé | F. M. |
| Zoological | | |
| Architectural 25, Lincoln's Inn-fields . Tuc-day | | |
| Royal Botanical 49, Fall mall Tuesday | | |
| Society of Arts Adelphi Wednesday | | |
| Royal Somerset House Thurwisy | | |
| Antiquaries | | P. M. |
| RI Society of Literature St. Martin's place Thursday | 4 | P. M. |
| Royal Institution Albemarie.street Friday | Má | P. M. |
| Westminster Medical Exeter Hall | | P. M. |

PUBLIC COMPANIES

MERTINGS.

| | 23, Moorgate street Jan 25 12 |
|-----------------------------------|---|
| English Copper Company | 27, Upper Thames street 26 12 |
| Unite Mexican Mining Associati | on London Tavern 27 1 |
| Porth Cawl Iron and Coal Compa- | ny . 44. Finsbury square |
| London and Brighton Railway | London Tavern 27 1. |
| British and Austra asian Bank | b5, Moorgate street 28 1. |
| Edinburgh, Leith, & Newbaven H | 'way 4, South street, Edinburgh . 28 2. |
| Dry Gas Meter Company | in, Broad street-buildings 29 17. |
| York and North Midland Sallway | Offices, York |
| Droitwich Palent Sait Company | George and Vulture Tavern 29 12. |
| Porth Cawl Iron and Coal Compan | ay . 44, Finabury aquare Feb. 4 2. |
| Loncon and County Bank | 21, Lombard-street 4 1. |
| Brighton Gas Company | George and Vulture 4 1. |
| Duke of Cornwall's Harbour Com- | pany London Tavern 4 1. |
| Holmbush Mining Company | 26, New Broad street 9 1. |
| London and Sirmingham Sallway | Queen's Hotel, Birm. Station 12 11. |
| Hennock and Christow Minior Co | Clifford Arms, Chudleigh 17 |
| London and Westminster Bank | Offices, Lothbury March 3 1. |
| | CALLS. |
| TreirighConsolidated Mining Co. 3 | a Jan. 26 Vere, Sapte, and Co. |
| Birmingham and Derby Junction 1 | of 29 As former calls. |
| Mexican Company | 0a Feb. 6 Mastermen and Co. |
| Cambrian Iron and Spetter Co 2 | II. 10s S London Joint Stock Bank. |
| Sheffield & Manchester R'way | 0/ 22 As former calls. |
| | 24/. March 2 London&Westminster Bank. |
| Commercial Bank of London | 10:4 1h3, Moorgate-atreet. |
| | |

Danier Company 14. per cent. 22. Tokenhouse. ard Feb. 13. Tekkow Copper Mines of Cobre 31. per share 26. Austin-friars. Jan. 28. Jan. 28. Austin-friars. Jan. 28. Jan. 29. Austin-friars. Jan. 28. Jan. 29. Austin-friars. Jan. 29. Jan. 20. Au LATEST PRICES OF PUNDS, SHAKES, ETC.

| ENGLISH. | t FUNDA. |
|---|---|
| Connols Money, 804 50 Ditto Account, 904 | Long Annuites, 134 |
| New 16 per Cents., irt # | Hank Street, 170 1 |
| Reduced a per Cents., 974 # | Exchequer Bills, 6 8 pm. |
| FOREIGN | V FUNDS. |
| Brigian florids, 5 per Cent., 98 9 Brasil, 5 per Cent., 75 4 | Portuguese, 5 per Cent., 32 4 Ditto, 3 per Cent., 20 3 |
| Danish, S per Cent., 78 9 | Spanish, Active, a per Cent., 254 4 |
| Butch, 7g per Cent., 104 \$ | Chill 4 per Cent., hs 60 |
| Ditto, 5 per Cent., 99 4 | Colombian, 6 per Cent., 2h) |
| Bussian, 5 per Cont., 114 4 | Mexican, 5 per Cent., 284 |
| NIIA | RES. |
| London & Blackwall R'way, 44 37 dis. | Great Western, 26 7 cm. |
| London and brighton, 64 6 dix. | Ditter & Bhares, 17 to pen. |
| Lond n and Croydon, 12 4 per chare | North Mi land, 72 21 div. |
| London and Birmingham, NJ 8 pm. | Bou h Kantern, 15 141 dis. |
| Lond n & Sh. Western, M. S per als. | Colonial Bank, 24 I 4 pm. |
| Restern Counties, 147 / dis. | Lession & Westminster, 242 44 per sh. |
| London and Greenwich, bi f per ab. | London Joint Stock, 24 4 pm. ex div. |

EUSINESS DONE DURING THE WEEK

EURINESS DONE DURING THE WEEK.

MONDAY.—Notwithstanding the bargains in the English (units were limited, those made in Consols were at a further advance, poin the quotations of Saturday, both for money and the account; for the former they closed 90 to §, and for the latter my cellers, after having been hayers.

There was rather more firmness in all the foreign occurities, but business was reflect with a continuation of the apoculation opened on Saturday, while higher prices from Park contributed to support that particular security at an increased value. The Actives left of 24§ to §, Portuguese 5 per Centa. 32 to §; ditto 5 yer Centa. 32 to §.

A general Saturday was manifest in the share market, and the desire to realise filmings held off 25 to 30 pm.; and North Midland. 27 to 20 sts.

THERDAY.—A trifling reaction occurred in the Consed market to day, which can

band, if to 20 cits.

TUESIDAY.—A trifling reaction occurred in the Consol market to day, which can only be seconsted for by the propositerance of sel cits, which this was the case, as respects that security, purchases of Bank Stock raised its quotati n to tor to 171, but altgether the hostiness transacted was of amail amount. Consols for money closed 604 to 301, for account, 304 to 201, 30 per Cents. Reduced, 314 is per Cents. Reduced, 314 is per Cents. Reduced, 315 is per Cents. Reduced, 315 is per Cents. Reduced, 316 is per cents. The bargains is the foreign securities have been limited, and the general market did not making an an one of a alcertion.

Birmingham shares are set to 30 pm., South Western, 5, to 55 pc, share, North Birdiand, 21 to 12 dis, diftes New Shares, its to 1 pm., and the foreign sechanges, and the raise, on the whole, much the same as least post.

WEDNEEDAY.—It to assige it to be obtained in the city early in the day that the house of Garry WEDNEEDAY.—It to assige in the city early in the day that the house of Garry

WEDNESDAY.—It transpired in the city early in the day that the house of Garry and Cuttin is leading firm in the Wiga trains han stopped payment—an event where excited much interprise, as the house is one of long stan ing a d grad respectability, while its credit has not been shaken by the knowledge of any previous disasters. Of the more tomoscillate cause of the faithure, the removal is some necessity. caters. Of the more immediate more in Chancery, for withdrawing incomparative, which has a ten, the high proceedings in Chancery, for withdrawing incomparative, the Scarry. The engagements are variously stated, but none of the senior partner, the Carry. The engagement of a proceeding stated, but none of the set of any large amount, the highest being about 6 point very limited of late years, such beyond the truth, as the transactions have been very limited of late years, and the house presched to be the more cade on that account. Mr. Curtis was purerness of the Band of Eng and in 16th and 18th, and has taken the lead in second of the principal philic companies. No man could be more generally entered.

for the whole weight of it may be said to fall agent him, is universal.

Some small sains of stock produced on unfavourable information to the Comput

market, but they do not appear to have been prompted by any political cause, for
memors, the had price was sight in 1, and for the account, or business. Exchaques

Bills also similared from 2, to imp per to far to a per. Bank and folds Biocak

are again rather better. Bank Biocak was finally quoted (Iv to 171; India Stocak

Bills to fire, and India Biomia, a dis.

Lieuwe prices from the Park Biomese caused flatness in the Spanish market, the
Antives stating from 12 to 5 to 2 ag to 4, which was their clossing quotation. A demand for Biogram and Binarian crost has brought a taily in their value, and to day

Relgian chosed at 20 to 20 ag to 3, which was their clossing quotations. A demand for Biogram and Binarian crost has brought a taily in their value, and to day

Relgian chosed at 20 to 20 ag to 4 ag to 4, which was their clossing quotation. A de
to the desire manket beniness was done at rather have prices, which is attributed
to there belong more section than beyond. Brainingham let off at all to 4 pm.,

Great Western, 25 to 22 pm., ditto Hall masses, 11 to 15 pm., Boath Western,

27 to 16 per charty, scoquet, 11 to 15 pm., ex div., North Midford, 27 to 20 dis.,

Green New, 2 dies to pay; mouth Kanborn, 12 to 12 dig dis., Bankwall, 4 to 25 dis.,

THURBIAN ... The markets for public securities were market bronzeloud the

and Brighton, of too g dis.

THUNGLAY.—The markets for public securities were passive throughout the day, and the only bargains were the in-e-invents made on private account. As accounting for this, may be mentioned the absence of the French well, which did not accounting for this, may be mentioned the absence of the French well, which did not accounting for this, may be mentioned the schemes of the Breaket well by the accounting for this, may be not particularly affected.

Brainwas in the foreign article was chiefly directed towards those the dividence of which are about to be paid. Evanition, Bergines, Resolute, Daniell, and Datel, and their private are for; with respect to the speculative shocks, the transactions in them have been very limited, although Bosonie Ayres and Peruvan are quoried pather bytes.

Raymout from Company, 106.—Examinations shared both of of to 54 pm., Great Waster, 6 to 75 pm., Sought Waster, 17 to 52 pm share, Company, is not publicated in the paid Wighton, 6 to 6 pm., and 6 pm., an

FRIDAY.—With a steady, although not an extensive, business, the Cross market improved, and it is thought the advices from Paris, stating that letters from Madrid expressed helief that the Douso question was settled, contributed in a measure to produce this result. Consols for money lett of #24, buyers; and for the account, #4, huvers. However, Bank and India Stocks suffered from reaction, the former being finally quoted 169 to 17/4; and India Stocks, 256 to 202. Exchequer Bills closed 6s. to 8s., ins., #8 per Cents. Reduced, 9s/1 to \$1, 28 per Cents. Reduced, 9s/1, New & per Cents. Seduced, 9s/1, Portuguese & per Cents. Seduced, 9s/1, Portuguese & per Cents. Seduced, 9s/1, 10 & per Cents. Seduced, 10 & per Cents. Seduced 25/10 & per Cents. Seduced, 10 & per Cents. Seduced, 10 & per Cents. Seduced, 10 & per Cents. Seduced, 11 & per Cents. Seduced, 12 & per Cents. Seduced, 13 & per Cents. Seduced, 13 & per Cents. Seduced, 14 & per Cents. Seduced, 15 & per Cents. Seduced, 16 & per Cents. Seduced, 16 & per Cents. Seduced, 16 & per

LEEDS, Trumbay.—Since our last advices, the share market, at this place, has undergone very little variation in price unless it be in Leeds and Manchesters, which are pressing on the market at reduced prices, without finding buyers, at 4 to 3. pm. for the new shares, and a to 8. for the old shares. We look for these shares dropping as far as par, as we feel pretty confident the receipts of the line will fall short of the expect-tions of the friends, curing the first three or six months. The circuitron nature of the road, being sixty miles from Leeds to Manchester, whilst the mail road is only forty, necessarily forces up the fares higher than they ought to be, and this enhancement in the fares checks the number of passengers that would otherwise go on the railway. Look at the distance to Halifax, by railroad, from Leeds, being thirty miles, wilst by coach it is only a vieen! At present the re is a quietness in the si are market gene ally, which the improving prospects of the money market will, in all likelihood, sisture in a few weeks.—North Misland Rail-way, w.l., York and North Misland, 7.l., Leeds and Selby, 94., Hull and Selby, 44., Great North of England, 54., Manchester and Leeds, 861, 861, 8681els and Resherham, 27.l.—Leeds Banking Company, 194.; Leeds and West Riding, 83.; Leeds Commercial, 44., Yorshire bistict, 7.l., Yorkhire Agricultural and Commercial, 41., York ity and County, 33-4., York Union, 174.—Leeds and Inverpool anal, 760., Barnsley, 304., Huddersheit, 27., Rochdale, 841.—New Gas, 384.—Leeds Commercial, 41., Worshire diddersheit, 27., Rochdale, 841.—New Gas, 384.—Leeds Commercial, 41., Worshire diddersheit, 27., Rochdale, 841.—New Gas, 384.—Leeds Commercial, 41., Worshire diddersheit, 27., Rochdale, 841.—New Gas, 384.—Leeds Commercial, 41., Worshire diddersheit, 27., Rochdale, 841.—New Gas, 384.—Leeds Commercial, 41., Worshire diddersheit, 27., Rochdale, 841.—New Gas, 384.—Leeds Commercial, 41., Worshire diddersheit, 27., Rochdale, 841.—New Gas, 384.—Leeds Commercial, 41., Worshire diddersh

Leeds Commercial Buildings, 256.

BULL, TRUESDAY.—Hull and Selby, or Holl and Leeds Junction Railway, 444.

North Midland, c2f.; York and North Midland, 72f.; Midland Counties, 8 f.,

Newcastle and Carlisle, 154f.—York City and County Bank, 33f.; Yorkshire Diatrict, 74f., Hull, 74f.; Yorkshire Agricultural, 44f.; Sanderland Joint-Stock, 4f.

Hull Dock Shares, 1200f.; Hull Gas Shares, 24f.

COLLINSON & FLINT.

MANCHESTER, TRURSDAY.—We have had very little doing to day. No mate-rial change in prices. Great Western, halves, 62; Manchester and Birmingham 25; Bank of Manchester, ejamel 9; Manchester Assurance, nj.; London and South Western, 57; to 56;; Manchester and Leeds, 77 to 76; ditto, halves, 28; to 29; Mid and Counties, quarters, 14; to 15; Eastern Counties, ej to 9; ditto, Deben tures, 5 to 15.

LIVERPOOL, Thursday.—The market has been without animatic The business has been extremely limited, but prices have been firm. The have been Grand Junction, balves, at 951, and North Midland at 742.

SALE OF BLACK TIN,

By Ticket, on the 18th and 19th January, at the Charlestown and Budnick Mines.

| Mines. | Tons. | Price. | Amount. | Purchasers. |
|-------------|----------------|-----------------|----------|-------------------|
| Wheal Mary | | | | Williams & Co. |
| ditto | 24 | 58 15 0 | 96 17 6 | ditto. |
| Charlestown | 91 | 49 10 0 | 482 12 (| 6 ditto. |
| ditto | 34 | 47 10 0 | 154 7 (| f ditto. |
| ditto | seen I seement | 47 12 6 | 47 12 1 | ditto. |
| ditto | 2 | 43 0 0 | med to t | L. C. & W. Daubuz |
| ditto | 14 | 42 0 0 | 63 0 (|) ditto. |
| Budnick | | 51 12 d | ARR IS 2 | i Grenfell & Co. |
| eitto | 54 | 48 5 0 | 265 7 6 | f Williams & Co. |
| ditto | 2 | B 5 0 | 96 10 4 | Holithos and Co. |
| | | | | D Williams & Co. |
| ditto | 16 | D 2 6 | 53 18 1 | L.C.&W.Laubuz |
| | Total tons, 68 | Total amount, d | FXX34 2 | 5. |

SALE OF COPPER ORES AT TRURO.

Sampled Jan. 6, and sold at Pearce's Hotel, Truro, Jan. 21. Frice Functiones Min to Lone

| | | | F 4. | 4. | | | | | | | - 8497 98616 |
|-------------|--------|------|------|------|---------------------|-------------|---------|------|----|-------|--------------------------|
| Tresavean | 45 | | 111 | | Vivians. | Pomer C | 100 | | 13 | | Viviana. |
| ditto | | | 111 | | P. Grenfells. | | | | | | Freemans. |
| disto | 45 | | | | | | | | | | reemans. Nevill & Co. |
| | | | | | Vivians. | | 45 | | | | |
| elitte | . 88 | | | | P. Grenfella | | 44 . | | | | Freemans. |
| offile | 87 | | | | a Minima | | 41 . | | | | Nevill & Co. |
| ditto | 43 . | 4 | 111 | | N-11 A C- | | 25 | | 19 | | reemans. |
| ditto | 45 | * | 18 | | Nevill & Co. | | | | | | Viviana. |
| ditto | 71 | - 1 | 0 | | Williams. | | 59 | | 11 | | Villiams. |
| dit a | BZ | | | | English Co. | | 18 | | | | tines Royal |
| Wh. Jewel | | | 15 | | Viviana. | | IN . | | | | reema s. |
| ditto | 76 | 4 | | | Williams. | | 18 | | | | fevill & Co. |
| ditto | 21 | - 8 | 4 | | English Co. | | | | | | ivians. |
| ditto | 271. | - 8 | | | Vivians. | | | | | | vevill & Co. |
| ditto | 271 | - 5 | 116 | | Nevill & Co. | | | | | 6 . N | lines Royal |
| ditto | 128 . | à | 15 | | Wi liams. | | | | 5 | | selections. |
| ditto | 66 | 7 | 7 | 46 | Mines Royal | Unity W | . 77 | . 8 | | G V | Villiama. |
| e littes | 2014 | - 6 | 13 | d. | - | citto | 70 | - 6 | 2 | f N | lines Royal |
| ditto | 24. | 65 | 13 | el. | Nevill & Co. | Union | . 31 . | . 6 | 2 | 0 v | illiams. |
| ditto | 204 . | 4 | 1.8 | 6 | Williams. | Wh Maider | 50 | 14 | .3 | 0 1 | reemants. |
| ditto | h4 | ā | 18 | 0 . | Vivians. | ditto | 45 | 16 | 4 | 0 | - |
| ditto | NO | 12 | 12 | el. | 100.00 | Carharrack | 34 | 4 | 17 | 6 V | Ivians. |
| ditto | 28 | 12 | 2 | 66. | Mines Royal | ditto | 1 | 43 | 13 | 0. W | filliams. |
| Poldice | .79 | 6 | 13 | 6. | English Co. | Levant | DEA. | 66 | 2 | 0. V | ivians. |
| ditto | 334 | 4 | 2 | | P Grenfella | | | | 2 | 0. W | filliams. |
| ditto | 334 | 65 | 7 | 6. | Williams | ditto | | | 11 | 6 . | NOT THE |
| ditto | 67 | 2 | 7 | | English Co. | | | | 11 | | Grenfells. |
| diffe | 59 | 2 | 2 | | P. Grenfells. | | | | 16 | | _ |
| etältes | 33 | - 2 | 17 | | *- | ditto | | | 14 | | reemans. |
| Fower C. | 471 | 5 | Dia. | | | Trevool | 7 | 4 | | | evill & Co. |
| 011710 | 474. | 5 | 10 | | Williams. | Wh.Damsel | | | 19 | | remans. |
| ditto | 454 | 4 | 16 | | | | 3 | | | | - |
| dillio | 454 | 4 | 16 | | Williams. | - | | | | | |
| - | | - | | 611 | TOTAL P | RODUCE. | | | | | |
| | | | | | and d . | Alle in the | | | | | |
| I Treatment | 1 11 4 | 0.97 | | | 2254 14 6 Panel 7 6 | Cintry Woo | | 1 17 | 8 | | 1974 8 6 |
| MD JONES | | 0.00 | | 1141 | 29sd 7 6 | Unboll | 1.14.14 | , | | | |
| Publice | | 211 | | | 2128 14 G | TEN, MERIOE | | 1 13 | 11 | | 1306 1 0 |
| Fuwer Con- | Delte | 277 | | | 1711 17 6 1 | Carbarrack | | 8 | | | |

| Treasvess 350 | 3304 | 1.0 | - 60 | Unity WOOK 178 | | 1694 | |
|----------------|----------|-----|------|----------------------------|------|-------|----|
| | | | | | | | |
| Publice | 2128 | 14 | 6 | Wh. Maiden } 131 | .x . | 1 206 | 1 |
| Holmbash 213 | 2034 | 18 | | Levant 106 | | 1697 | 14 |
| Wh Lydia } 211 | 671 | 1 | | Wh. Tehidy 73 Cuddia co | | 55.2 | 19 |
| Tretoil 204 | 1877 | 14 | | Trevoid 17 | | 74 | 2 |
| | | | | Wh. Damrel 16 | | Low | 6 |

Tayso, Jav. 21.—Average standard, 1226. is.—Average produce, 72.—Average size, 86. is. de..—Quantity of ore, 2804 time.—Quantity of fine copper, 244 cut. Amount of money, 19,3926. 9s. dd.—Average standard of hast sale, 1236.—Average Produce, 73.

COMPANIES BY WHOM THE ORES WERE PURCHASED

| Mines Royal Company | 38 4 | | 2191 | | 10 | |
|---|-------------|---|-------------------------|-----|-----|--|
| English Copper Company | | | 1679 | 14 | 6 | |
| Vivian and Sont | 62.34 | | 3473 | 1.5 | à | |
| Freeman and Co | 284 | | 2461 | 3. | 6 | |
| Grenfell and Snox | 4mis | | 2945 | | 10 | |
| Binsa, Willyama, Neville, Druce, and Co | 3(36) | | 2145 | 10 | 96 | |
| Williams, Foster, and Co | 234 | | 4340 | 17 | 9 | |
| | MATERIAL PO | | NACO | - | 100 | |
| W | Process & | - | discount of the last of | 96 | 4 | |

Copper ore for sale on Thursday next, at Pearce's Hotel, Truro.—Minra and Parcela.—Consolidated Minra, 100; Trenarvan, 301; United Minra, 354; Hallenbergie, 351; Fower Console, 553; Trethelian, 191; Wheat Eilen, 759; Wheal Leeds, 110; West Wheat Jewel, 80; Wheat Cofford, 65.—Total, 3515 tons.

Copper ore for cale on Thursday week, at Andrew's Hotel, Redreth.—Mines and farcein.—East Wheal Crofty, ine; Dolevath, a.e. East Pool, 224, Fowey Consols, e.e. United Hello, 27e; Per Concols, 17e; South Wheal Baseet, 17e; Stray Park, 6e; Tincroft, 15e; Wheal Harrier, 0.e. Wheal Messar, 57; Wheal Kitty, 5e; Wheal parrow, 24; Thomas's Ore, 5.—Total, 7ed tone.

CORNISH ENGINES.—Managion, Jan. 12.—The number of pumping engine-sported this month is 34. They have consumed 3864 bons of coal, and little million none of wa're 10 fathouss high. The average duty of the whole is there are 4.000, sto the 18thous bight by the consumption of a bushel of coal.

SALE OF COPPER CRES AT SWANSEA

Copper ores for anly Jan. 27.—Knockmahon i 15, differ W. differ St, differ St

GOLD AND BILVER.

| | | - | | | | | | |
|-------------------|----------|-----------|----------|------|-----|----|-----|---|
| Foreign Gold | in Barn | (standar | n) per | - | 23. | 12 | | |
| Floreign Gold | in Coin, | Spanish. | Dunbloom | | | | | |
| 55 13 | ** | Di Franci | pieces | **** | | | | |
| New Dollars | ****** | | | | | | 200 | ì |
| Military in March | Atanda. | ma() | | | | | | ï |

PRICES OF MINING SHARES.

| hares. BRITISH MINES. Paid. Price | Shares, BRITISH MINES. Paid. Price |
|--|--|
| 500 Anglesey 5 #4 | 4,000 United Hills 5 7 |
| 4,000 Bissoe Bridge 5 1 | 6,000 Wicklow Copper 5 . 8 |
| 8,000 Blaenavon 45 40 | 3,845 West Wheal Jewel 84. 4 |
| 0,000 British Iron 55 2 | 1,000 Wheal Julia 54 |
| 100 Copper Bottom 41 30 | 3,300 Wheal Leeds |
| 2,000 Cornubian Lead Co 34 14 6,000 Cornwall Great United 104 1 | FOREIGN MINES. |
| 1,000 Cuddra 10 4 | 5,000 Alten Mining Company 124 8 |
| ,000 Dartmoor Consols | 10,000 Anglo Mexican Co 100 14 |
| 0,000 DurhamCountyCoalCo. 37 | 3,374 Do. Subscription 25 1 |
| 2,000 Danescombe 24 | 2,000 Bolanos |
| 2,000 De Dunstanville | Ditto Scrip 15 176 |
| ,000 Duffield | 10,000 Brazilian Imperial 20 134 |
| ,200 East Mulberry Hills 34 1 | 10,000 Bolivar 20 1 |
| 3,200 Great Wh. Prosper 74 64 | 10,000 Ditto Scrip 10 . 2 |
| 4,030 Great Wh. Charlotte 3 14 | 10,000 Cata Branca Brazilian 64., 84 |
| 0,000 Hibernian 124 34 | 10,000 Conceição Co. 4 |
| ,000 Holmbush 14 35 | 12,000 Cobre CopperCompany 40 344 |
| 1,00: Isle of Sark (Guernsey) 10 114 | 8,500 Colombian Co. regis 55 2 |
| ,000 Mining Co. of Ireland 7 15 | 10,000 Copiapo Mining Co 134 . 84 |
| ,000 Polbreen 4 . 1 | 20,000 General Mining Asso. 18 3 |
| ,000 Relistian | 5,351 Mexican Company 58 24 |
| ,000 Redmoor Consolidated 5 16 | 12,000 Mocanbas and Cocaes 25 8 |
| ,000 Rhymney Iron 50 40 | 14,582 Real del Monte, regis. 134 24 |
| 800 South Towan 10 1 | t por unitegratered |
| ,000 Tregolian | Ditto Loan Notes 150 160 |
| | 7,000 Royal Santia o 10 . 15 |
| | 11,000 St. John d'el Rey 146 24 |
| ,000 Tin Croft | 40,000 United Mexican 40 24 |
| | Black Scrip, addl. capital 5 3 |
| ,300 Tretoil | Rec' New Scrip 5 52 |

PRICES OF RAILWAYS FOR THE LAST FIVE YEARS.

| | Jan., | 1807 | · 80., | inin. | Jan. | . inos. | Jan., | 1540 | Jan., | 1841 |
|--------------------------|-------|------|--------|-------|------|---------|-------|------|-------|------|
| Railways. | Pd. | Pr | Pd. | Pr. | Pd. | Pr. | Pd. | Pr. | Pd. | Pr. |
| Birmingham & Derby June. | 5 | 9 | | | 544 | 41 | | | | 75 |
| Birmingham & Gloucester | 10 | 94 | 124 | . 3 | 40 | 25 | 70 . | 44 | 100 . | 77 |
| Bristol and Exeter | \$ | | 1 100 | 24 | 21 | 10 | | | | 37 |
| Cheltenham & Gt. Western | 74 | | 74. | 1 | 20 | 8 | 374 . | - | 624 | 229 |
| Eastern Counties | 2 | | 3 | 1 | 10 | Há | 18 | | | |
| Edinburgh and Glasgow | | | | - | | . 9 | :0 | | 35 | |
| Grand Junction | 70 | | 95 | | | . 204 | 100 | | | 212 |
| Great North of England | 2 | | | - | | . 18 | 45 | | | 52 |
| Great Western | 30 | | 55 | | | . 78 | | | | 91 |
| Hull and Selby | | | 10 | | | . 10 | | | | 44 |
| London and Brighton | 5 | | 5 | | | . 11 | 40 | | 50 | |
| London and Greenwich | 20 | | | | | . 17 | 20 | | 20 | |
| London and Blackwall | 8 | | | 24 | 9 | | 15 | 13 | 224 | |
| Leeds and Selby | 100 | 87 | | 36 | | . 65 | 1.0 | | 10 | 94 |
| Liverpool and Manchester | | 218 | | 196 | | 204 | | | | 185 |
| London and South Western | 30 | 25 | 50 | | | . 45 | | | 39 | 54 |
| London and Birmingham. | 70 | | | 158 | | . 170 | | | | 172 |
| Manchester and Leeds | 5 | | | | | . 7u | | | 70 | |
| Midland Counties | \$ | | 15 | | | . 25 | 90 | | Lan . | 76 |
| North Midland | 10 | | 25 . | | 55 . | | | | 110 | 77 |
| outh-Eastern and Dover | - | 26. | | | | | 15 | | | |
| York and N. rth Midsand | 3 | - | 2 | | 9 . | | | 40 | | 12 |
| York and N rth Midland | 9 | 3 | 6 | - | 20 . | . 20 | 30 | 40 | 50 | 1 |

WEEKLY BAILWAY TRAFFIC RETURNS

LONDON AND BIRMINGHAM RAILWAY.

GREAT WESTERN RAILWAY.

[Length of Line opened, 75 miles.]

Total Returns for the week ending 17th of January...... 44356 5 3

LONDON AND SOUTH-WESTERN RAILWAY.

Total receipts for passengers, parcels, &c., on this line for the week ending the 18th of January, #287 5a. 2d.

[Length of Line, paned (to Brentscoot) 174 miles]

Total receipts for passengers for the week ending 17th of January.....#439 13

NORTHERN AND EASTERN RAILWAY. [Length of Line opened, 19; miles.]

LONDON AND BLACKWALL RAILWAY.

[Length of Line, 35 miles.]

Total receipts for passengers for the week ending first of January..... #449 6 •

LATEST CURRENT PRICES OF METALS. LONDON, JANUARY 22, 1841

| laun, Eng Har fon 0 0 a to | | 0 . | Corren - oreign (dy . 37s.) |
|--------------------------------------|-----|-----|---|
| Do. Curg. in Wales | 7 | 0 1 | tes, pritBlocks cwf 4 C 4 |
| Hoops ton l | | 0 6 | Bars do, 4 2 4 |
| Sheets, fon ! | | 0 6 | Hanca 0 0 0 to 3 16 0 |
| Fig. No. 1 foq | | 0 0 | htraits 0 0 0 to 3 14 0 |
| Do, in Wales | | 3 6 | |
| oreign- [Swedes, on. fd. ten ! | | 0 0 | 1.1. do i 16 a to 1 18 0 |
| Russian com leg ! | | | |
| Duty 50s. P.s.t fog | | 5 6 | |
| per ton. C.C.N.D. fon | | | Sheet fon 21 10 0 |
| STREEL, Eng. Blistered, 25 0 0 to 4 | | | Shot fom 22 10 0 |
| ahear do. do. 45 U 0 8 | | | |
| Cast do. do. 45 0 0 8 | | | White (dry) ton 17 0 0 |
| Foreign - Sweden in age bd ton it | 9 1 | | Do. (gd.in cit) ton 254 a 304 |
| Duty 20 Do. Faggots &d. ten 2 | 0 6 | 0 | Foreign-Span. (dy. 40s.) . 19 10 \$ |
| per cent. Milan &d. ton | | | |
| -orren, men - case fom Se | | | |
| Tile do. 9 | | | English Sheets 37 n 0 |
| | | | Quicasitiva dy. fd. per lb.) 0 3 11 |
| | | | |
| | | | remain steady-firm, without much busi- |
| | | | m sold as low as 7.s. per cwtSpelter is |
| very firm at 24f. iva., 24f. ha. hav | ing | per | n refused. |
| | | | |

COAL MARKET, LONDON.

MONDAY.—Price of coals per ton at the close of the market:—Adair's 19—East arcefield is—Holywell Main 20 6—Ord's Reddeugh is—Tanfield Moor 21 6—Tannel Moor Ente's 19—Wait's End Hilda 21 6—Killingworth 47 8—Riddeil's 28—raddyil's Retton 24 2—Lambton 24 2—Pemberton 23—Hartlepool 1 2—Howell Hartley 24 2—Howard's Netherton Main 18 6—Reddeil's 28—Reddeil's 28

Westhero' Park 15. —Shipa arrived, 8.

WEDNENDAY.—Adair's 19.—Buddie's West Hartley 19. 6.—Derwent Main 12. 6.—

East Garvafied 19.—Ord's Redheugh 19.—Pontop Windoor 19.—Russe 1's High Main 18. 6.—Smith's Pontop 18.—Tanfiels Moor 22. 6.—Wylam 20.—Wall's End Bewicke and Co. 28.—Revow's 21. 6.—Cleaned 19.—Clarke and Co. 19.—Hibba 22.5.—Milli gworth 22. 9.—Medomatey 21. 3.—Persion 22. Walter 22. 9.—Wear Hartley 17.—William's Main 19.—Braddyli's Hetton 26.6.—Hetton 2. 6.—Lambon 28.6.—Loon's 24.8.—Showart's 28.—Lambon 28.6.—Loon's 24.8.—Showart's 28.—Hartley, 20. 29.—Howard's Netherton Main 18.—Ships arrived, 7.

FRIDAY, — Adair's 19—Blaydon Main 17—Holywell Main 20.6—Ord's Redheugh 16—Pontop Windson 18—Ruseril's High Main 18.6—Tandeld Moor 27.6—Townley 18.6—West Hartley 20—Wylam 20.4—Wall's Ead Brown's 21.9—Geoffert 23.9—Heaton 23.9—Hada 27.6—Hotspur 27.6—Northumberland 21.4—West Hartley 17—Melmont 20.9—Braddyli's Hetton 26.6—Harwell 26.6—Hetton 26.6—Lambdon 26.6—Marwell 26.6—Caradon 26.6—Harrispool 26.6—Relicon 26.5—Bartington Tees 21.9—Coraforth 26.6—Grangon 26.6—South Darham 26.6—Symport Trees 14.7—Tees 16.6—Anthractic 26.6—Grangon 22.6—Howard's Netherton Main 5—R. sedem 20.6—Shipo arrived, 43.

WETTOROLOGICAL JOURNAL 1841

| | | | 978 1 | | | | | | | - | - | | | | |
|-------|----|------|-------|------|----|-------|-----|-------|---------|------|---|----|----|-------|---------|
| | | | | | | | | | | | | | | . Ken | |
| OFMS. | 14 | 1500 | 33 | to-J | 10 | 29,26 | 300 | 29,13 | Monday | 5.00 | | 43 | 48 | 29,68 | . 29,79 |
| | | | | | | | | | Tuesday | | | | | | |
| | | | | | | | | | Wednes. | | | | | | |
| | | | | | | | | 29.63 | | | | | | | |

Sainth, 19 ... 29 ... 48 ... 20.55 ... 29.55 ... Treasers, 29 ... 48 ... 20.55 ... 29.55 ... Wind, East on the 1 th, North on the 15th, 8. E. and S. W. on the 16th and two following days, North on the 19th and 20th.

On the 1eth, cloudy, with rain and snow; the 15th, generally clear, more fell in the early part of the monaing; the 16th, overcast, raining many all the day, wind holomorous in the evening; the 15th, generally clear; the 16th, overcast; the 19th, morating cloudy, with snow and rain, otherwise clear; the 20th, aftergoon clear, otherwise cloudy, with snow.

Chance Henry Anaes.